

Program Complot  
(Version 2018-1)

by

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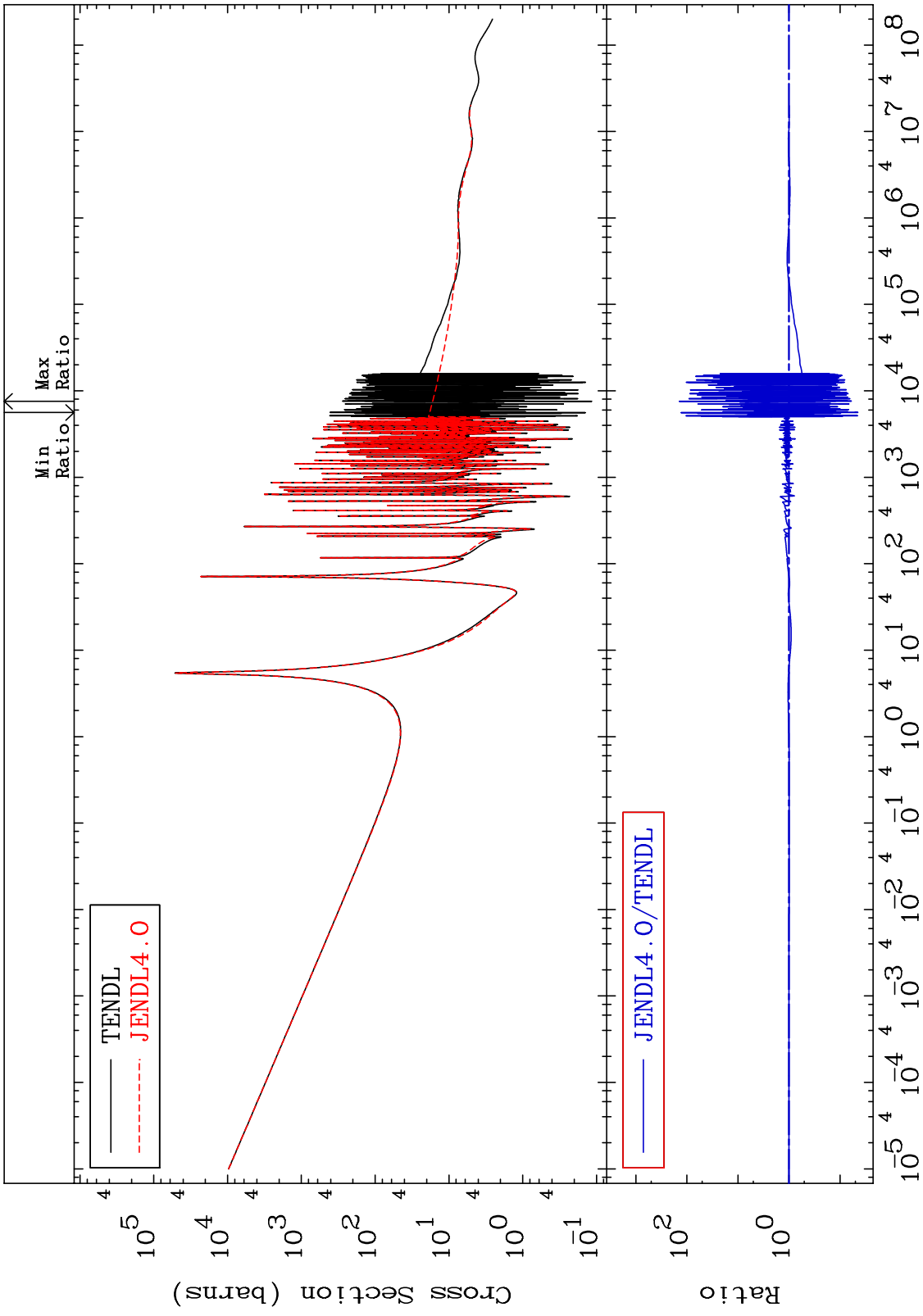
U.S.A.

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E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

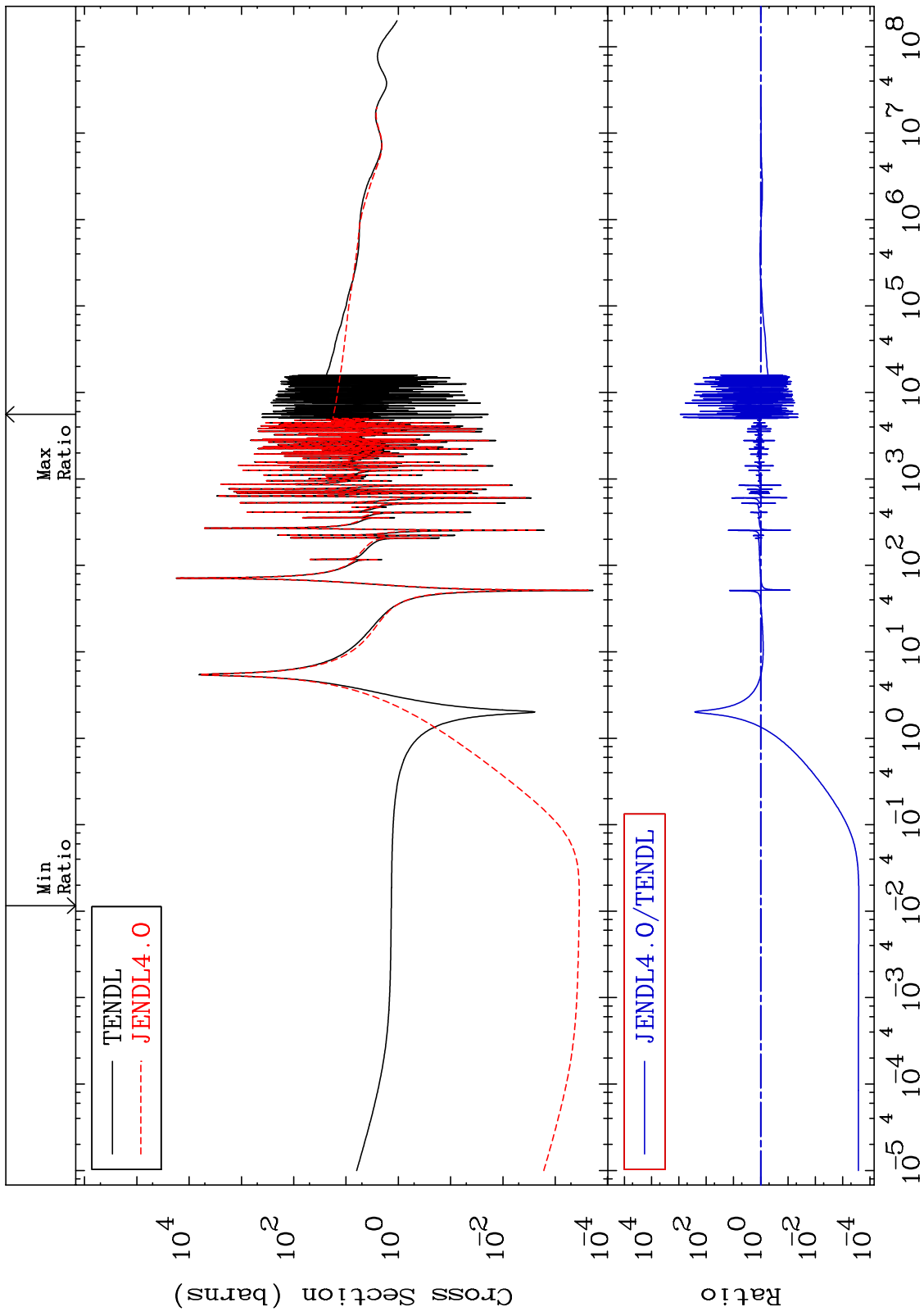
Press Mouse Button to Start

MAT 6643 Total Cross Section 66-Dy-162  
-95.53 To 9999. %



1 Incident Energy (eV) 66-Dy-162

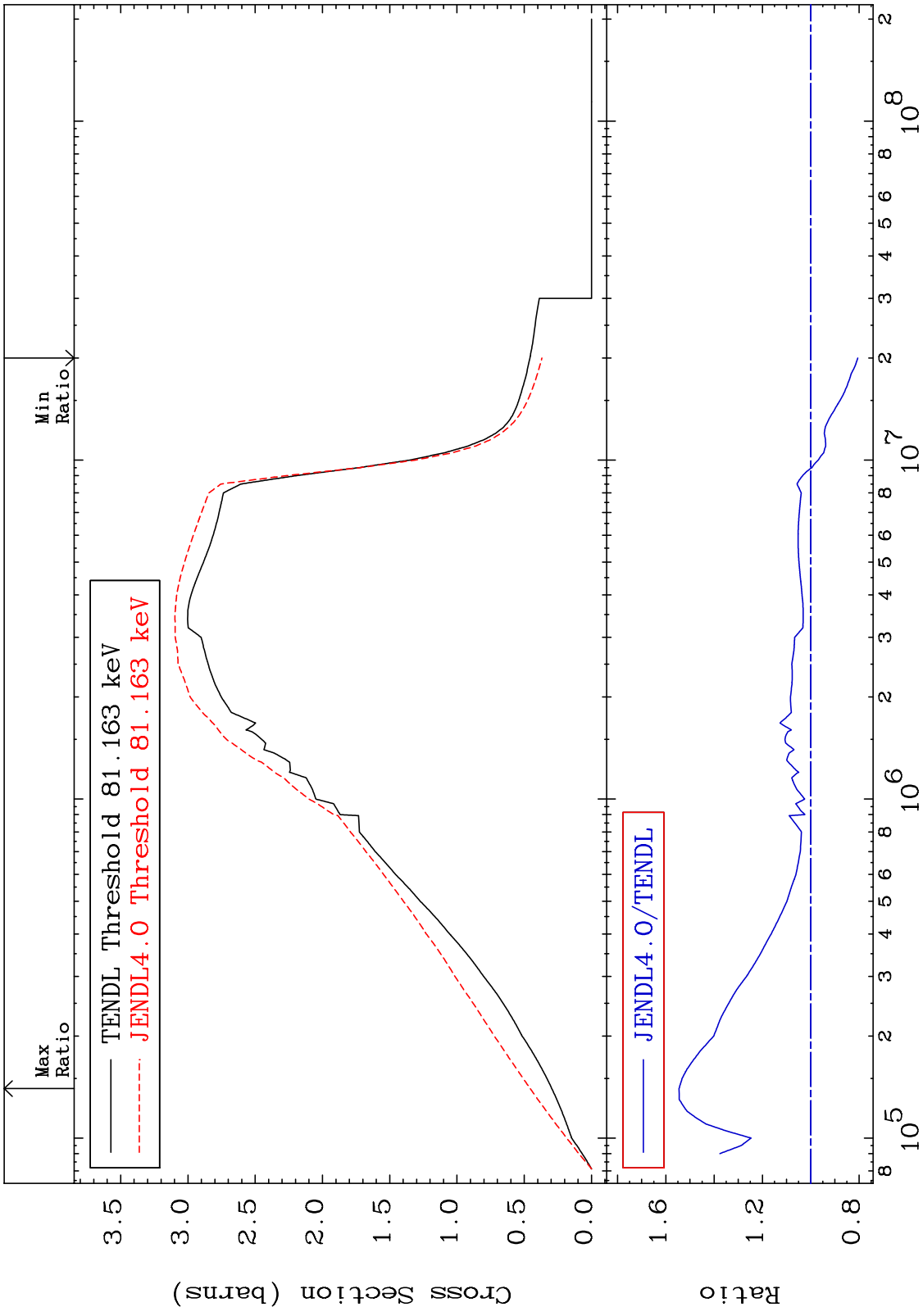
MAT 6643 Elastic Cross Section 66-Dy-162 -99.97 To 9999. %



66-Dy-162

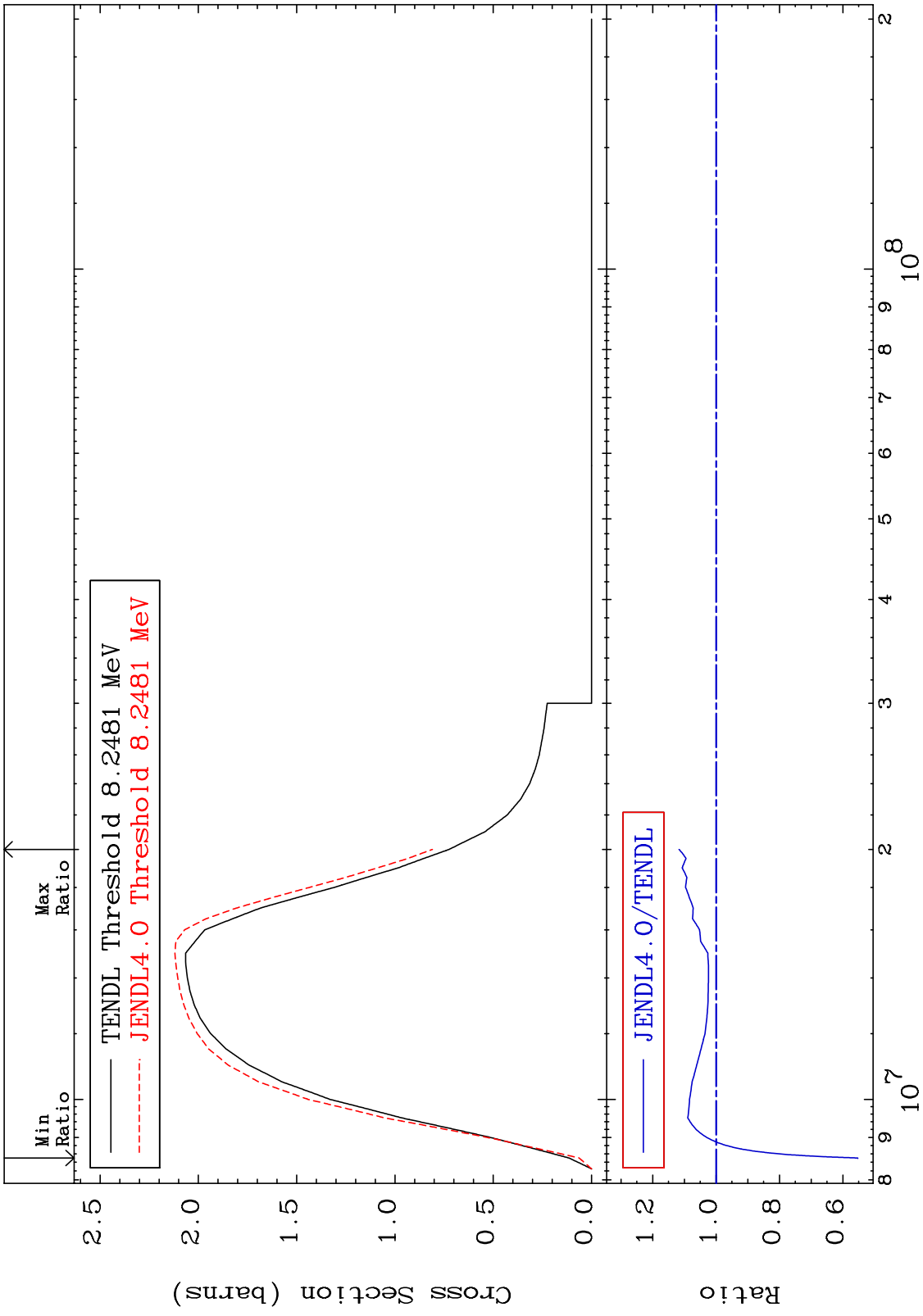
Incident Energy (eV)

MAT 6643 Inelastic Cross Section 66-Dy-162 -19.51 To 54.52 %

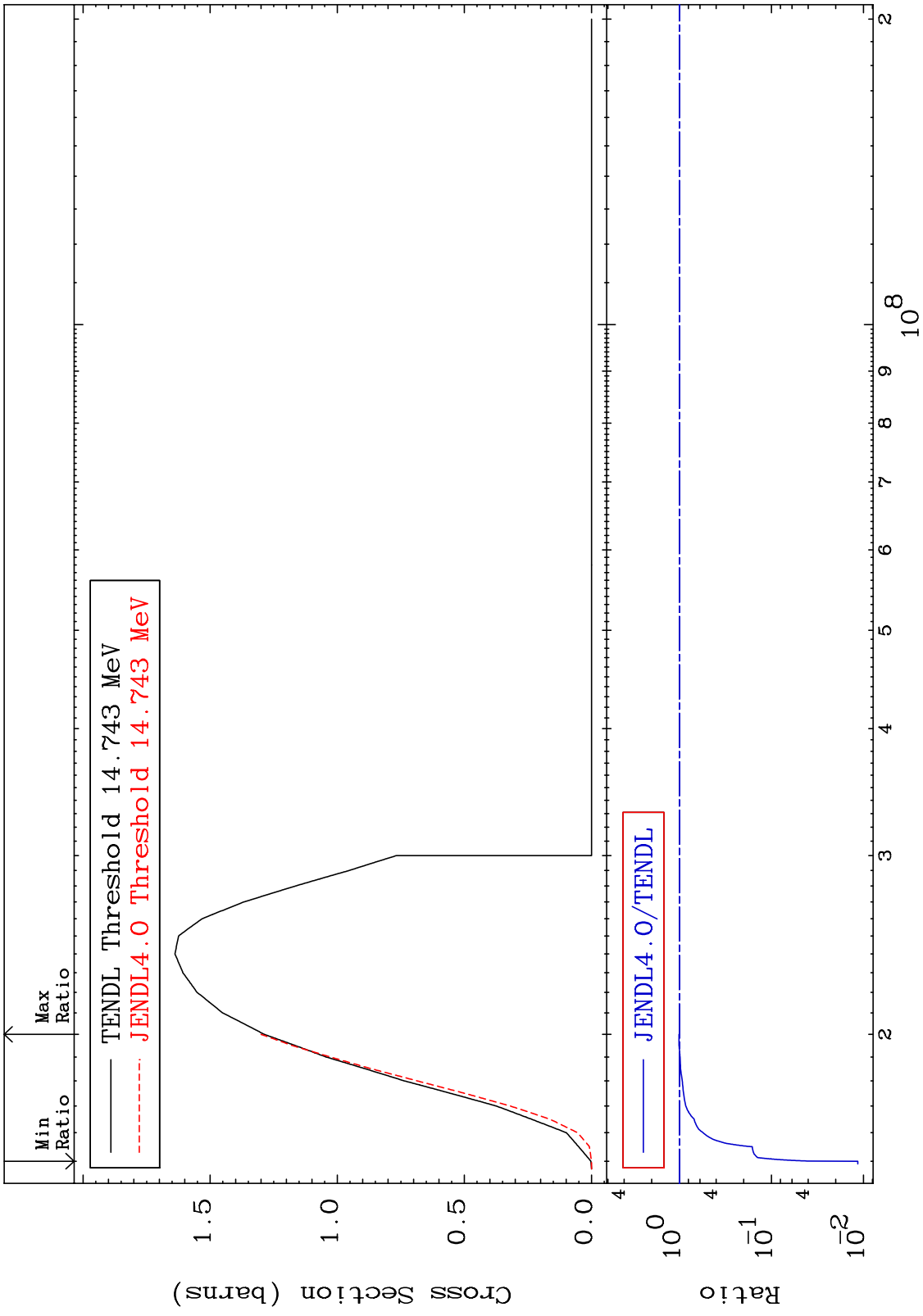


3 Incident Energy (eV) 66-Dy-162

MAT 6643 66-Dy-162  
-44.71 To 11.68 %  
 (n,2n)  
 Cross Section



Incident Energy (eV) 66-Dy-162

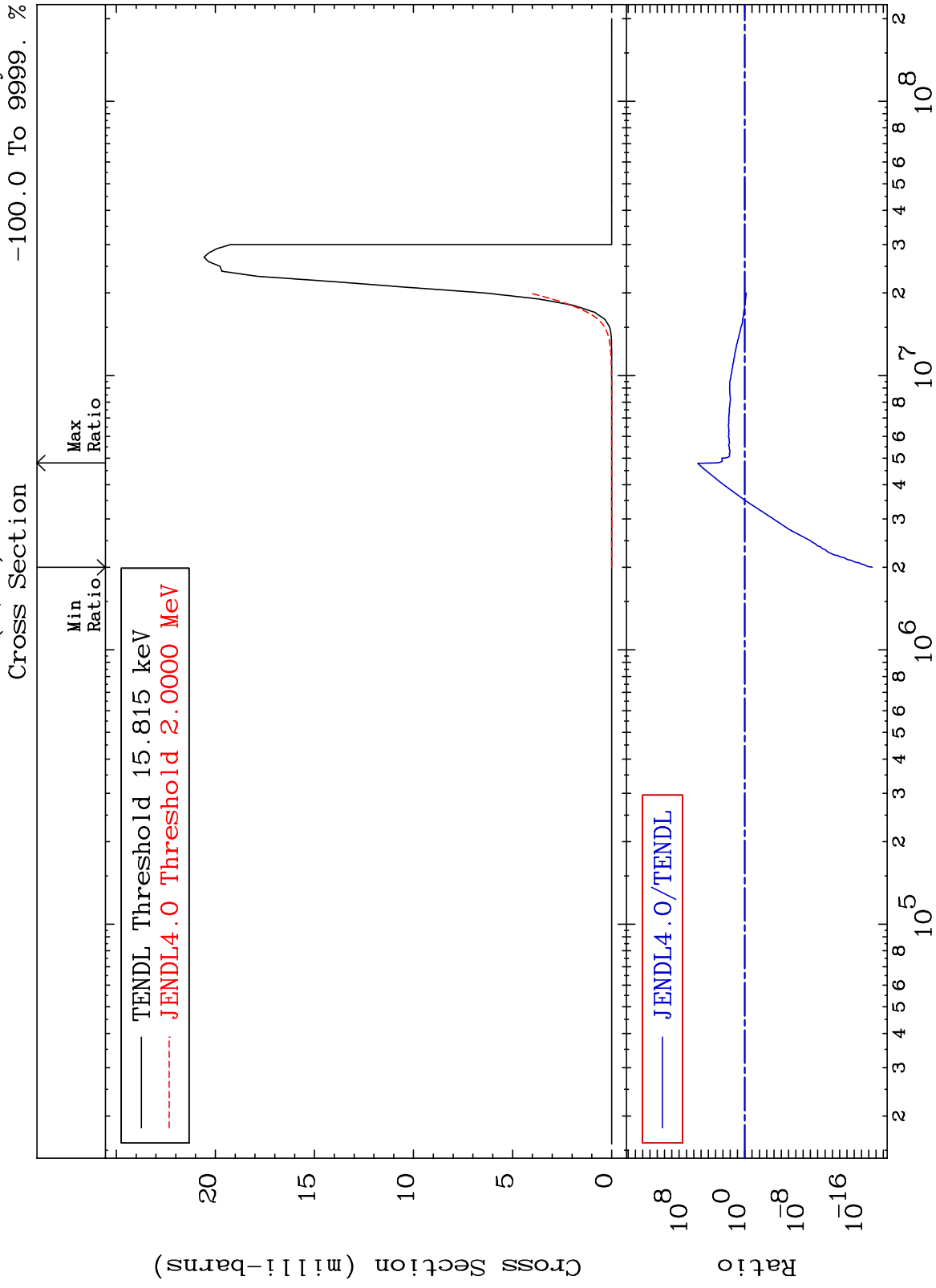


MAT 6643

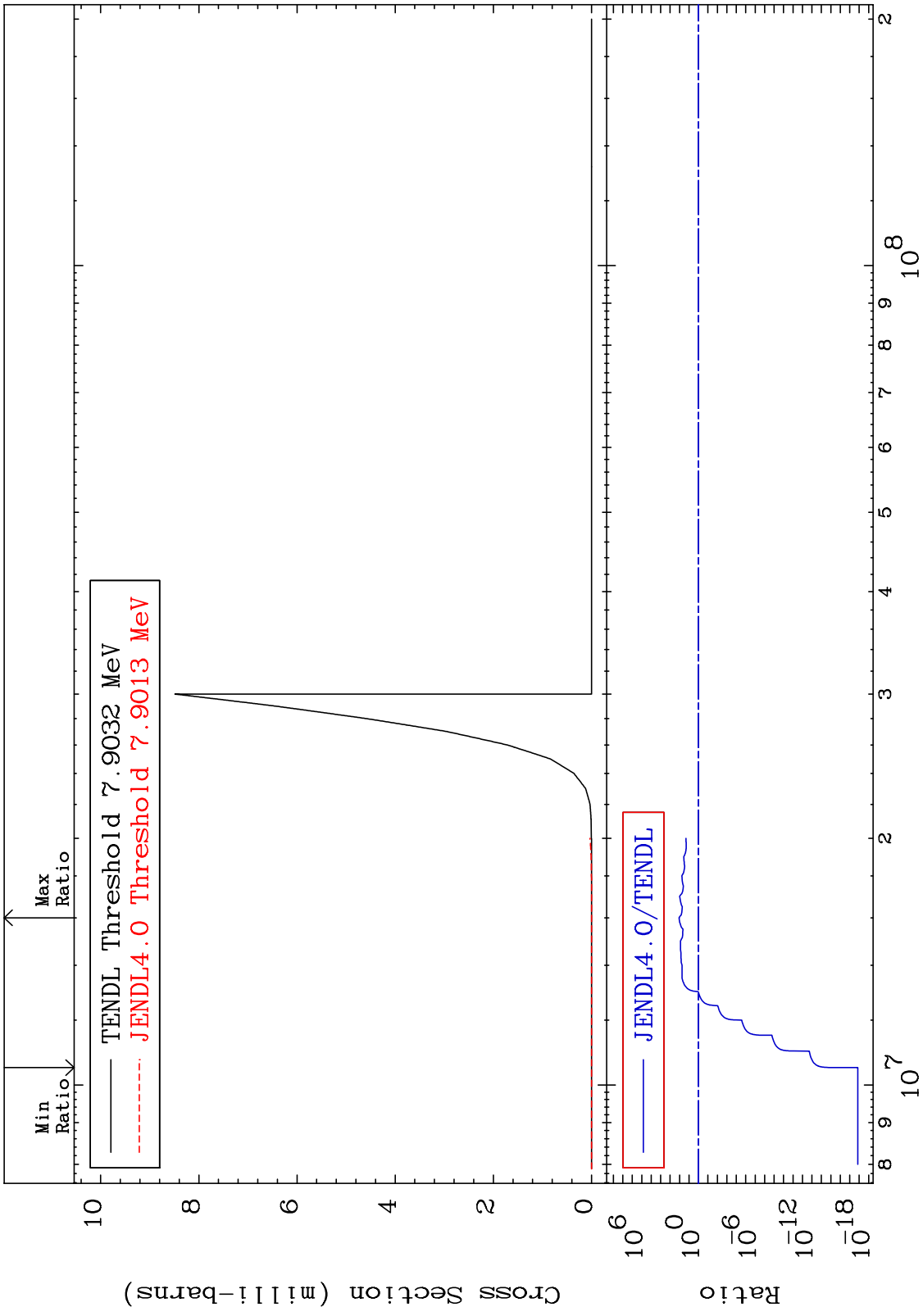
(n, n')  $\alpha$

66-Dy-162

-100.0 To 9999. %

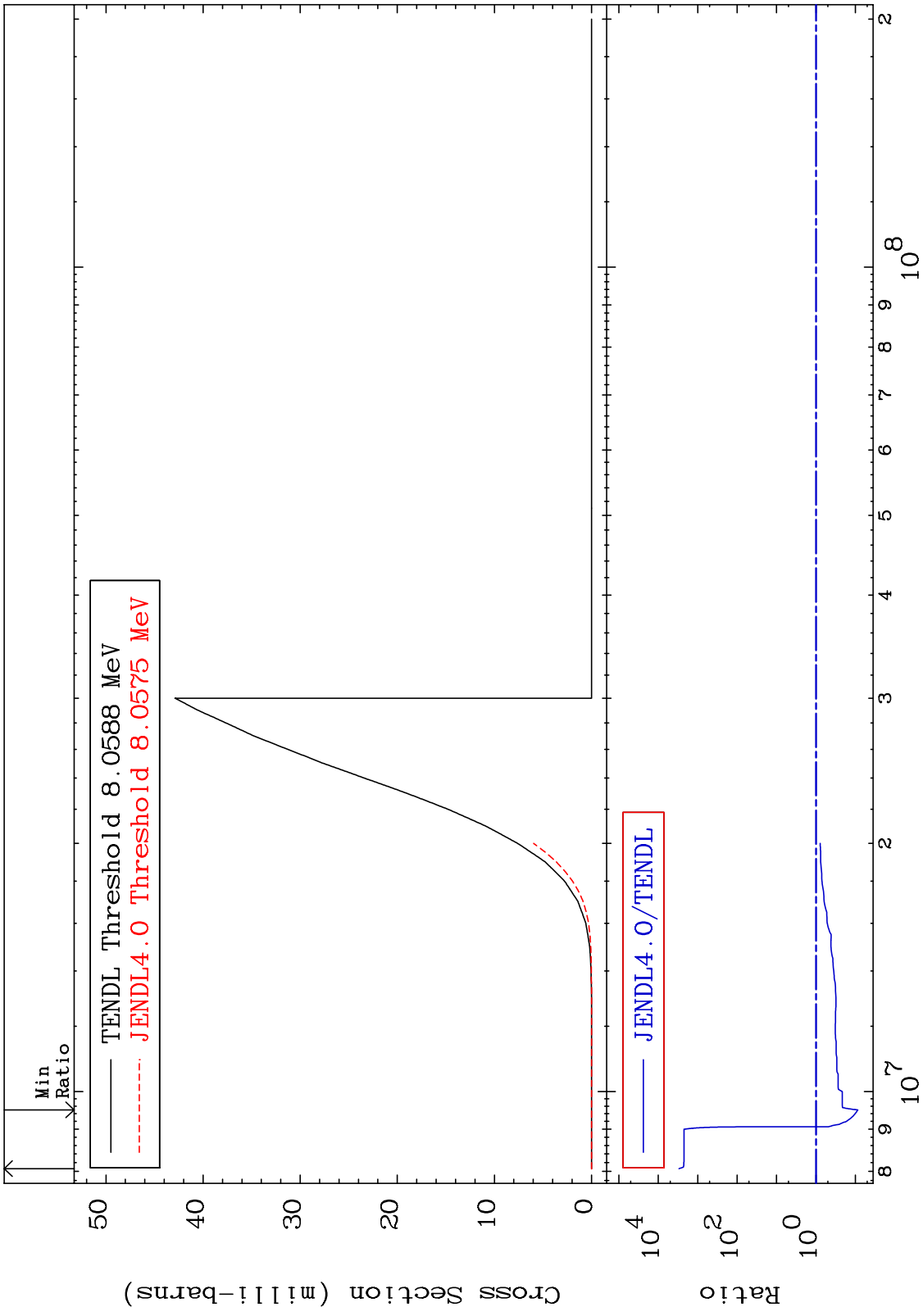


MAT 6643  $(n, 2n) \alpha$  66-Dy-162  
 Cross Section -100.0 To 9999. %



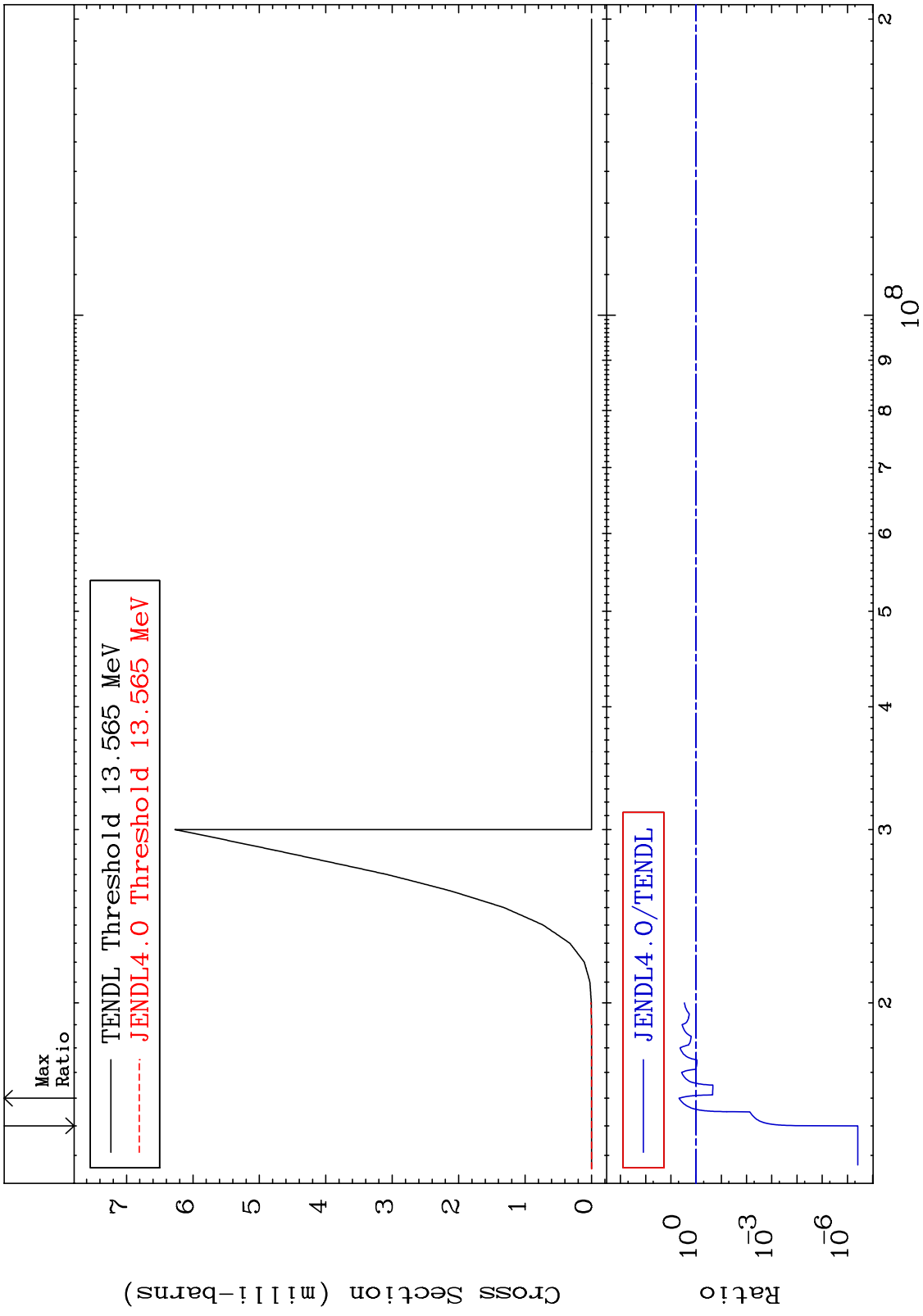


MAT 6643 (n,n') p 66-Dy-162  
Cross Section -91.32 To 9999. %

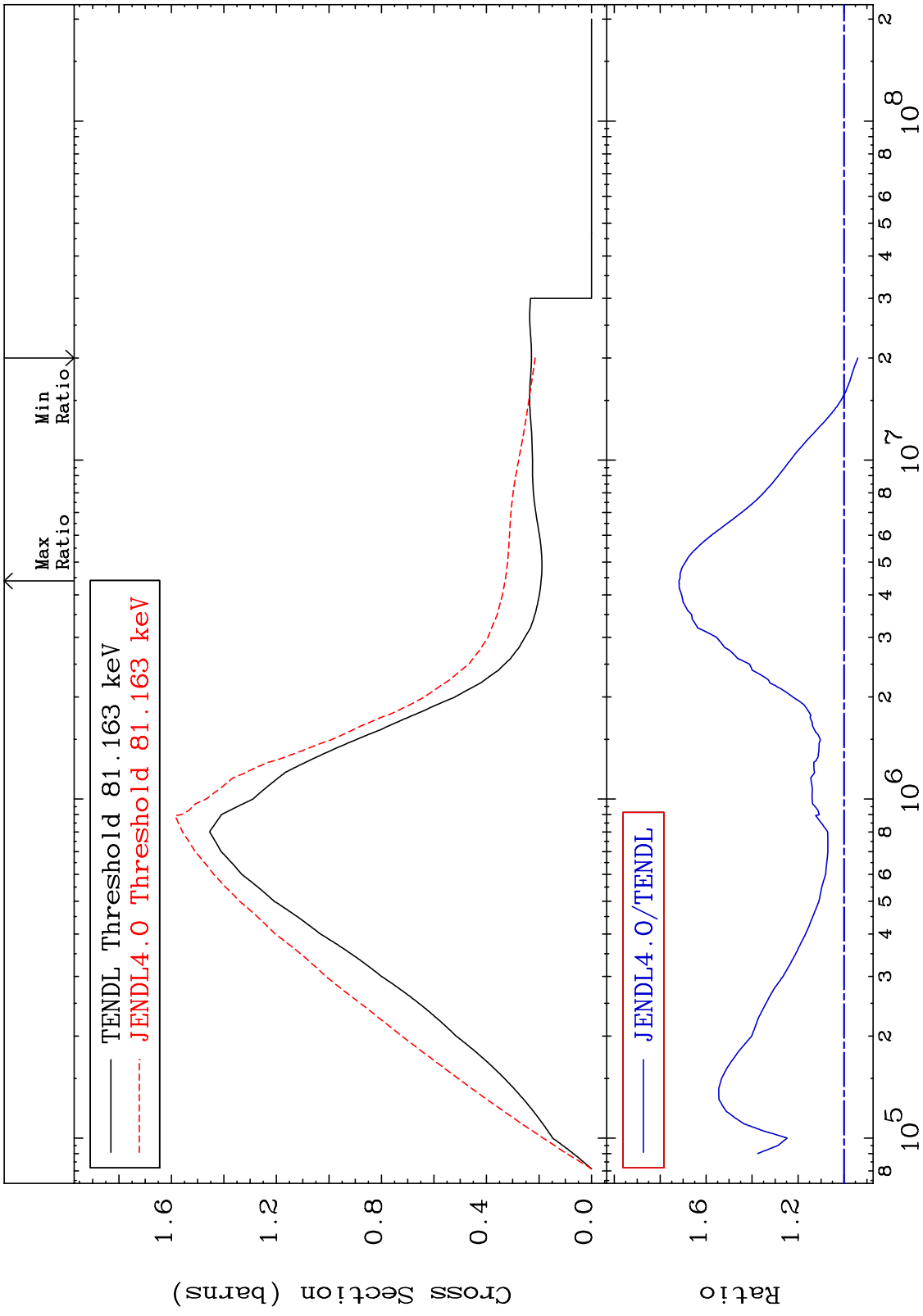


8 8 9 10<sup>7</sup> 10<sup>8</sup> 2  
Incident Energy (eV) 66-Dy-162

MAT 6643 (n,n') d 66-Dy-162  
 Cross Section -100.0 To 374.0 %

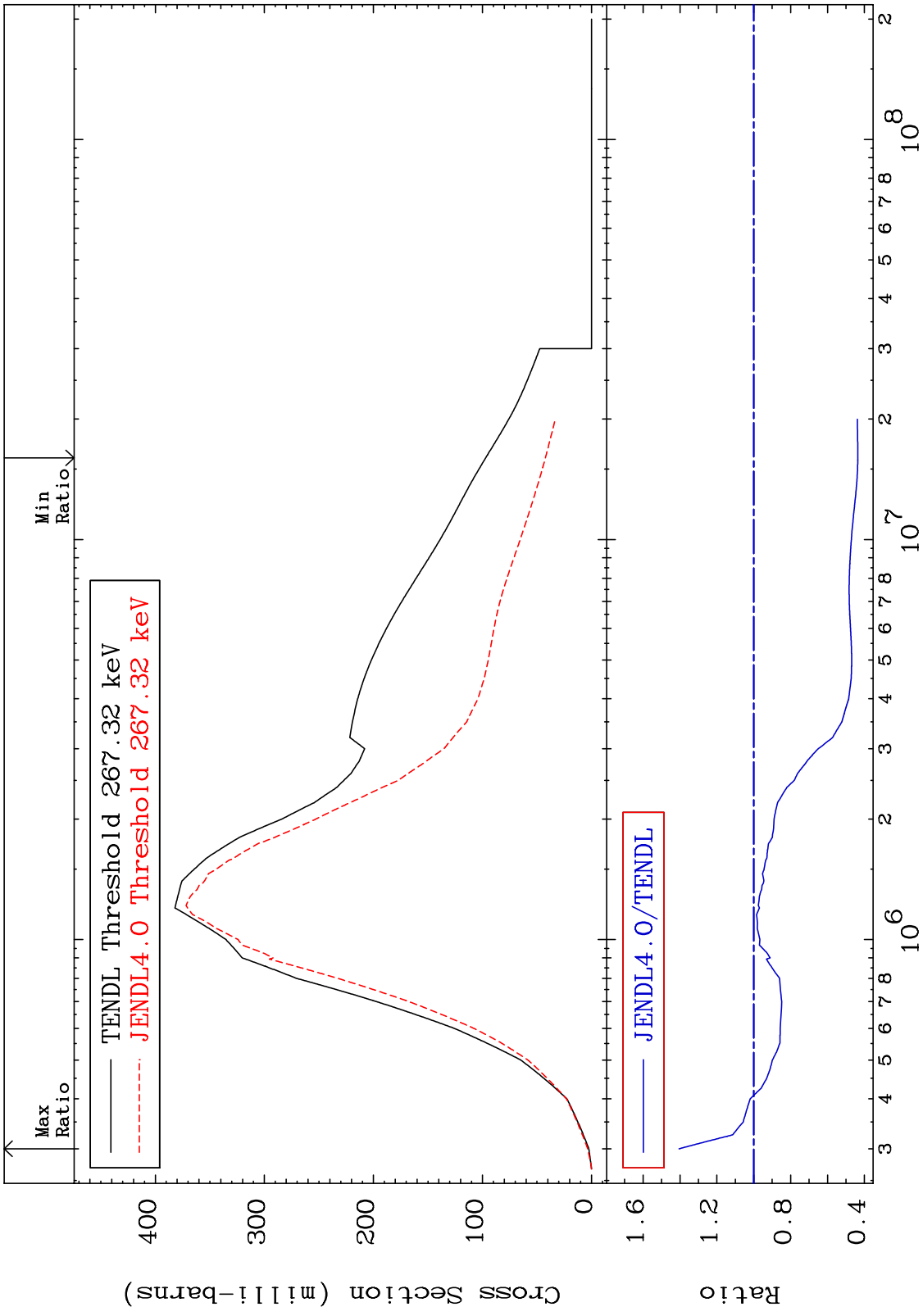


MAT 6643 MT= 51 (n,n') Level Cross Section 66-Dy-162  
-6.024 To 71.79 %

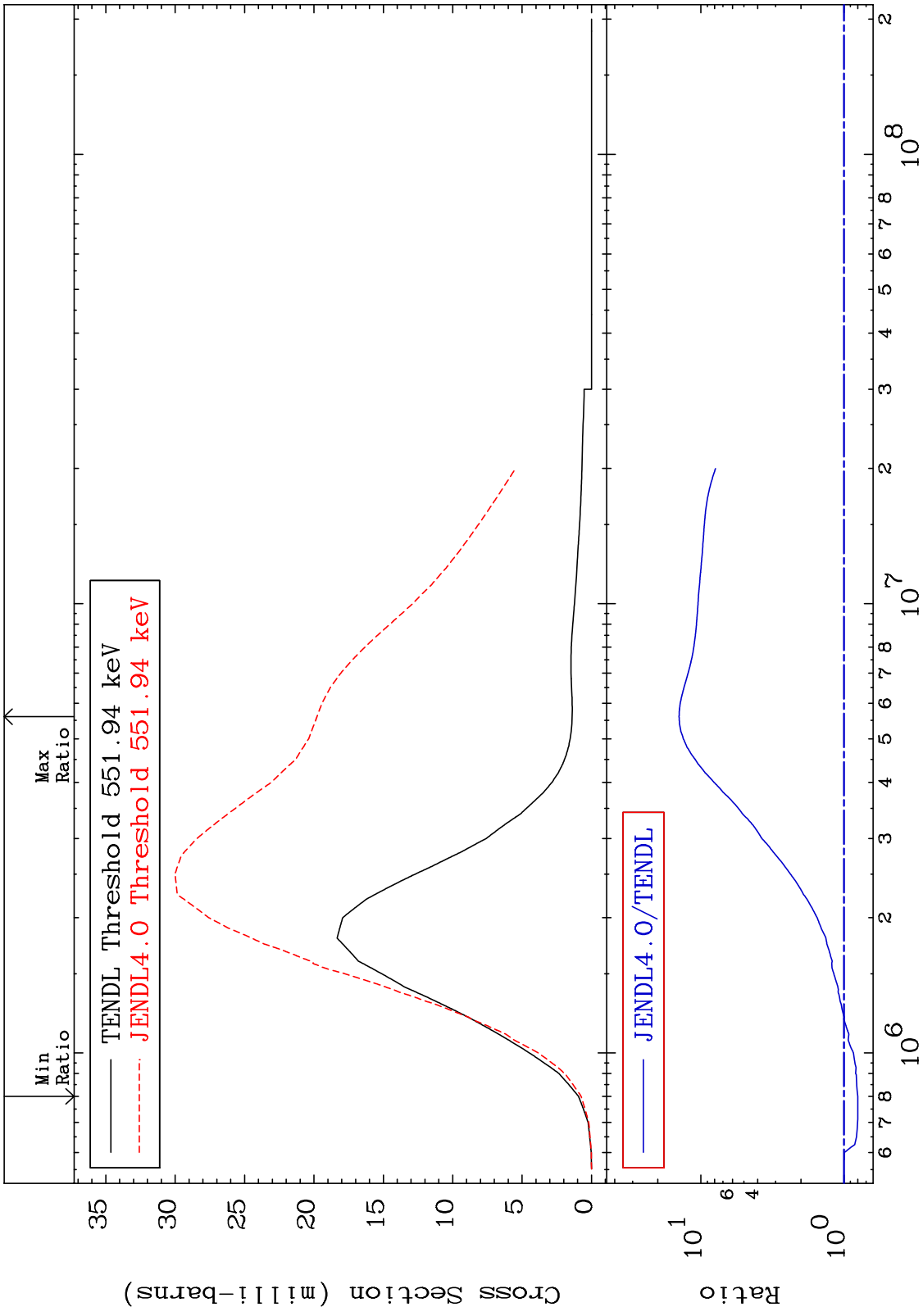


Incident Energy (eV) 66-Dy-162

MAT 6643      MT= 52 (n,n') Level Cross Section      66-Dy-162  
 -56.42 To 40.50 %



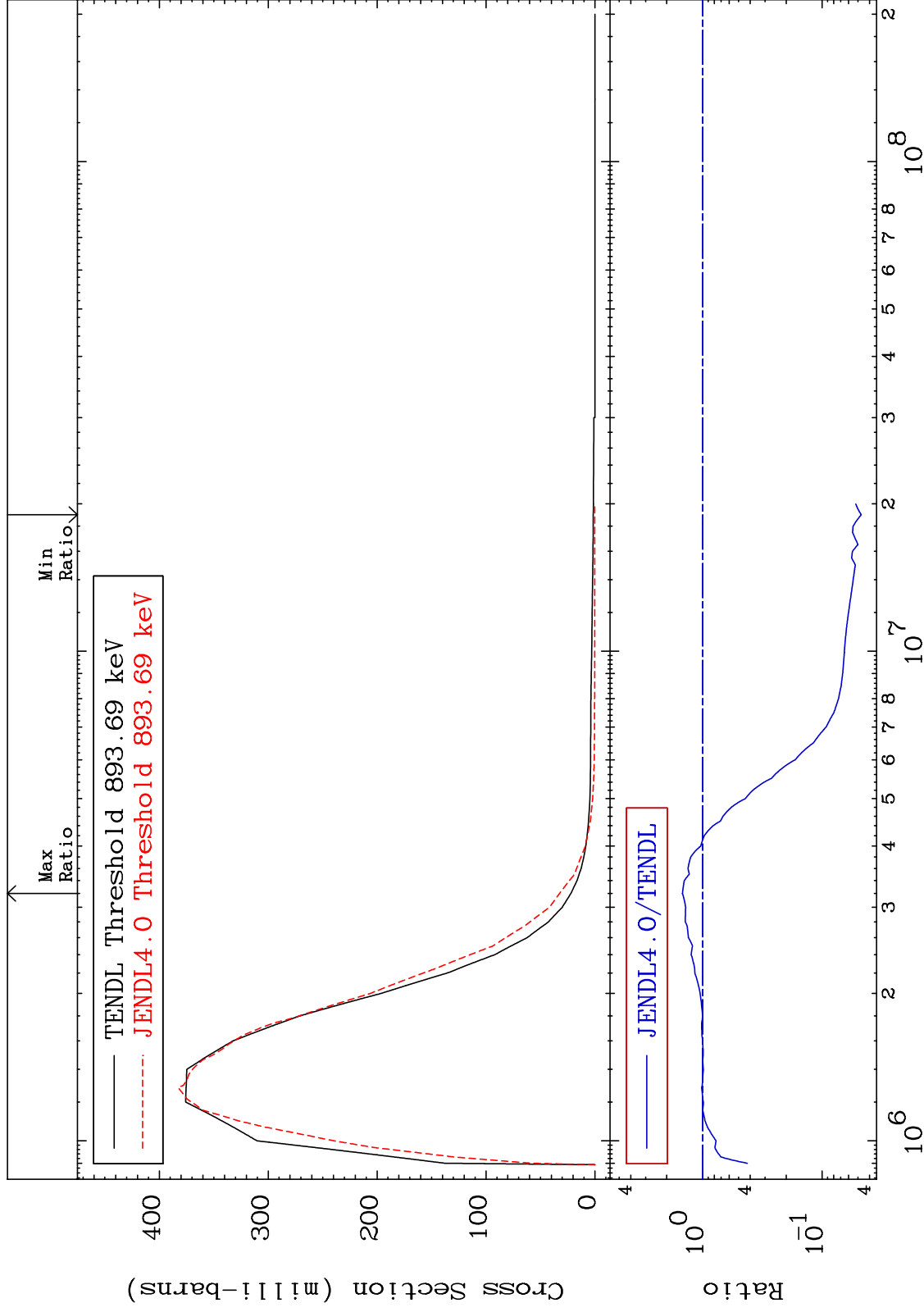
MAT 6643 MT= 53 (n,n') Level 66-Dy-162  
 Cross Section -20.07 To 1320. %



MAT 6643

MT= 54 (n,n') Level  
Cross Section

66-Dy-162  
-95.30 To 47.57 %

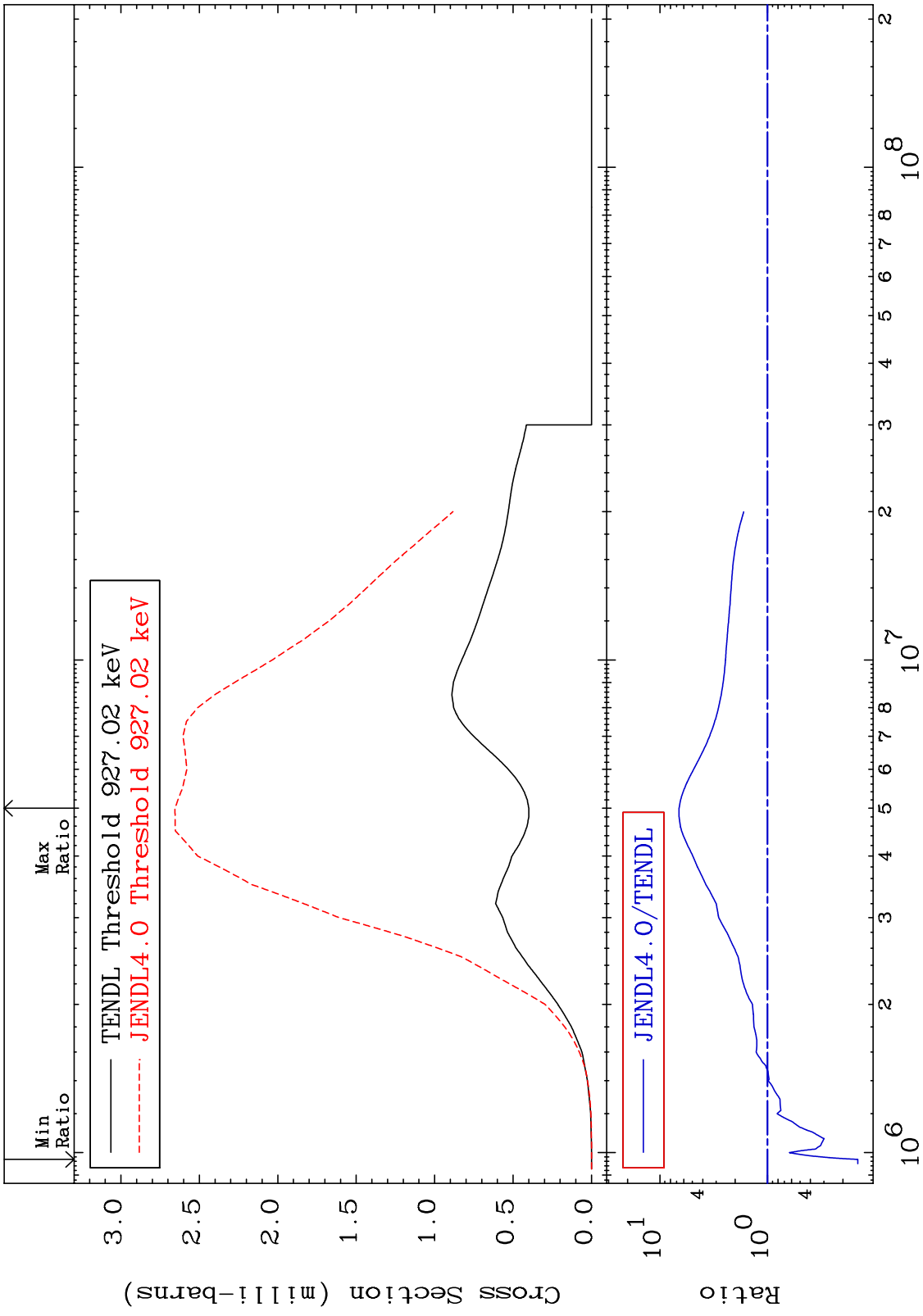


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Incident Energy (eV)

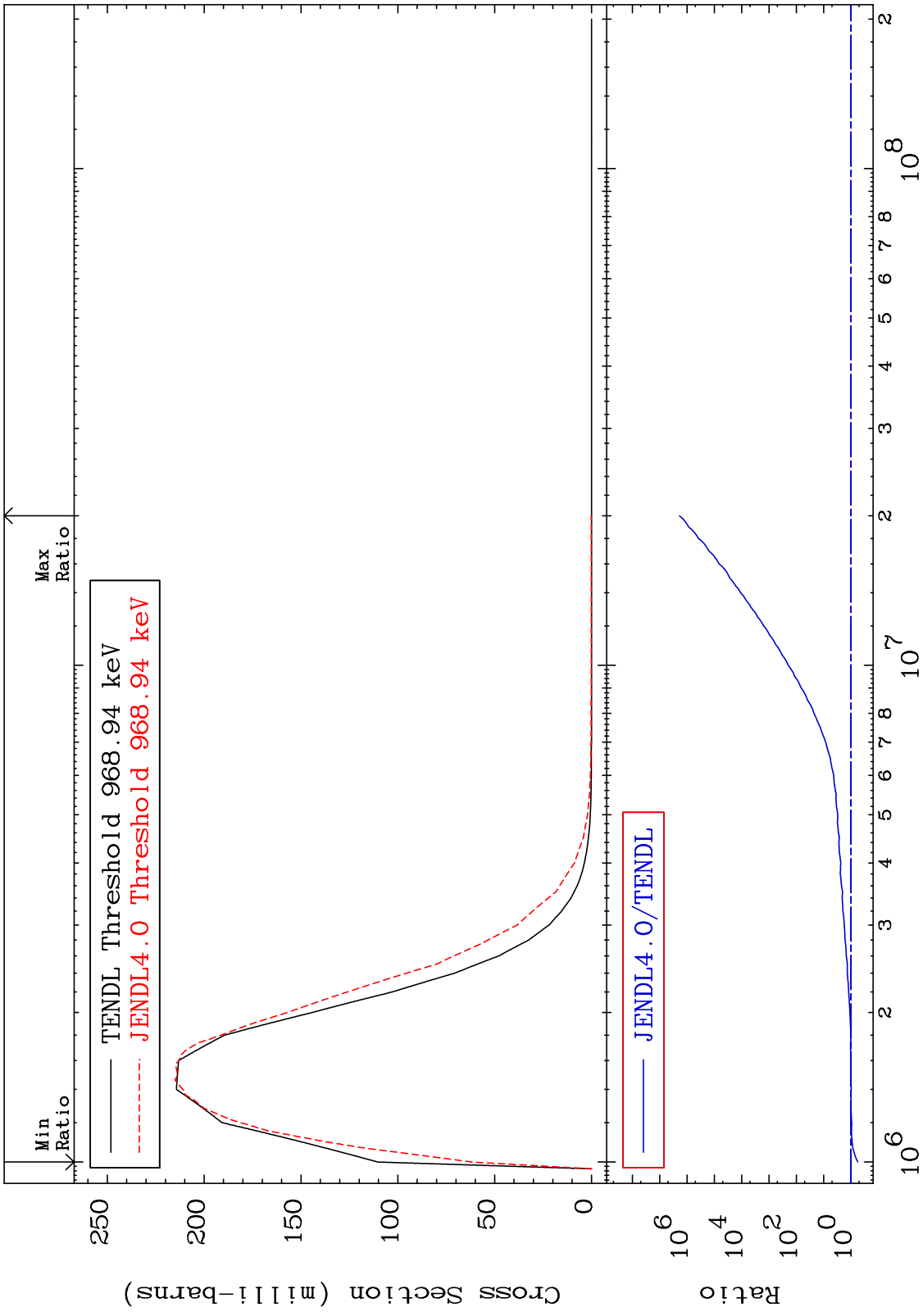
66-Dy-162

MAT 6643      MT= 55 (n,n') Level      66-Dy-162  
 Cross Section      -85.47 To 564.4 %



14      Incident Energy (eV)      66-Dy-162

MAT 6643 MT= 56 (n,n') Level Cross Section 66-Dy-162  
-43.91 To 9999. %



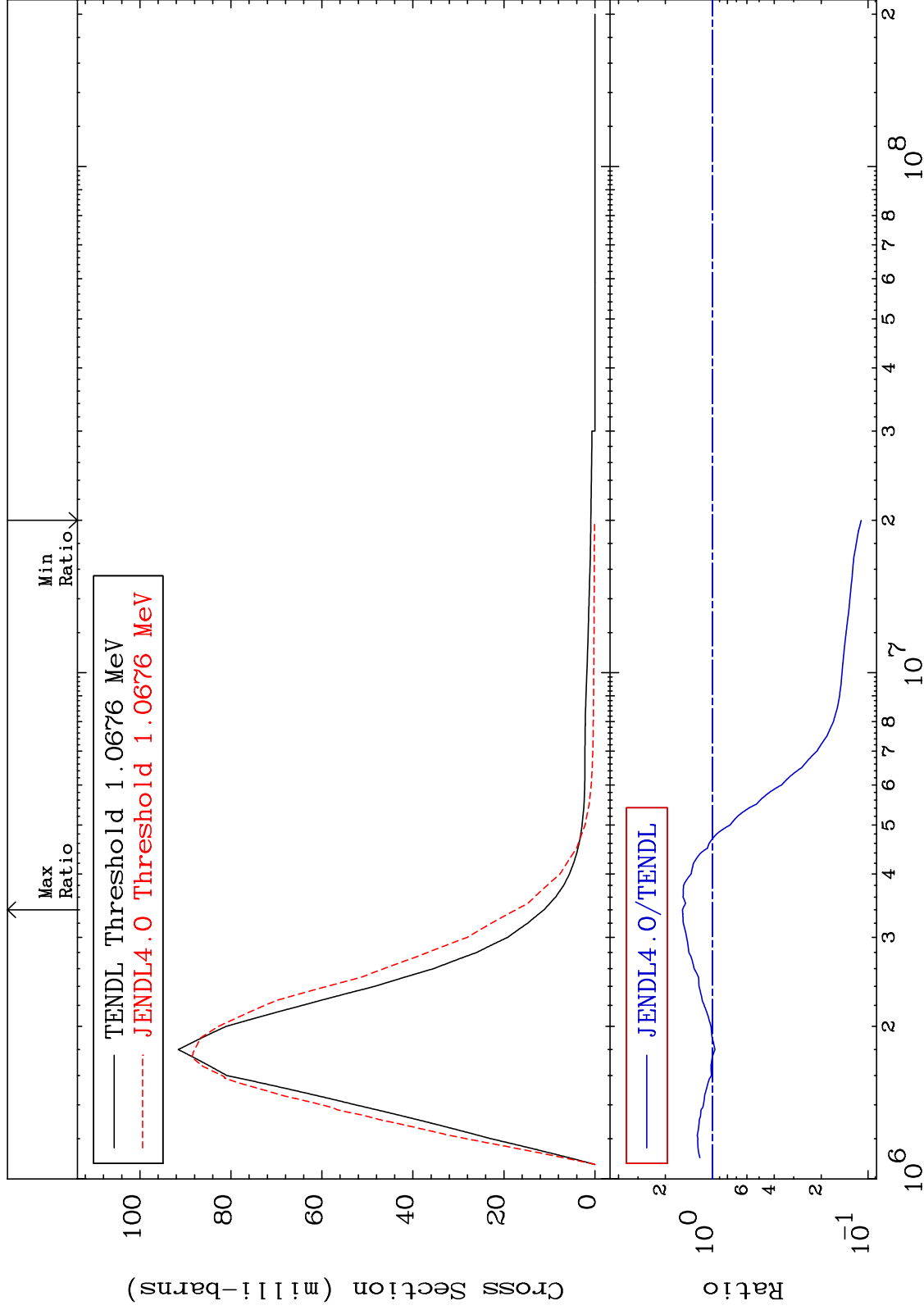
15 10<sup>6</sup> 10<sup>7</sup> 10<sup>8</sup> 66-Dy-162



MAT 6643

MT= 57 (n,n') Level  
Cross Section

66-Dy-162  
-88.94 To 55.51 %

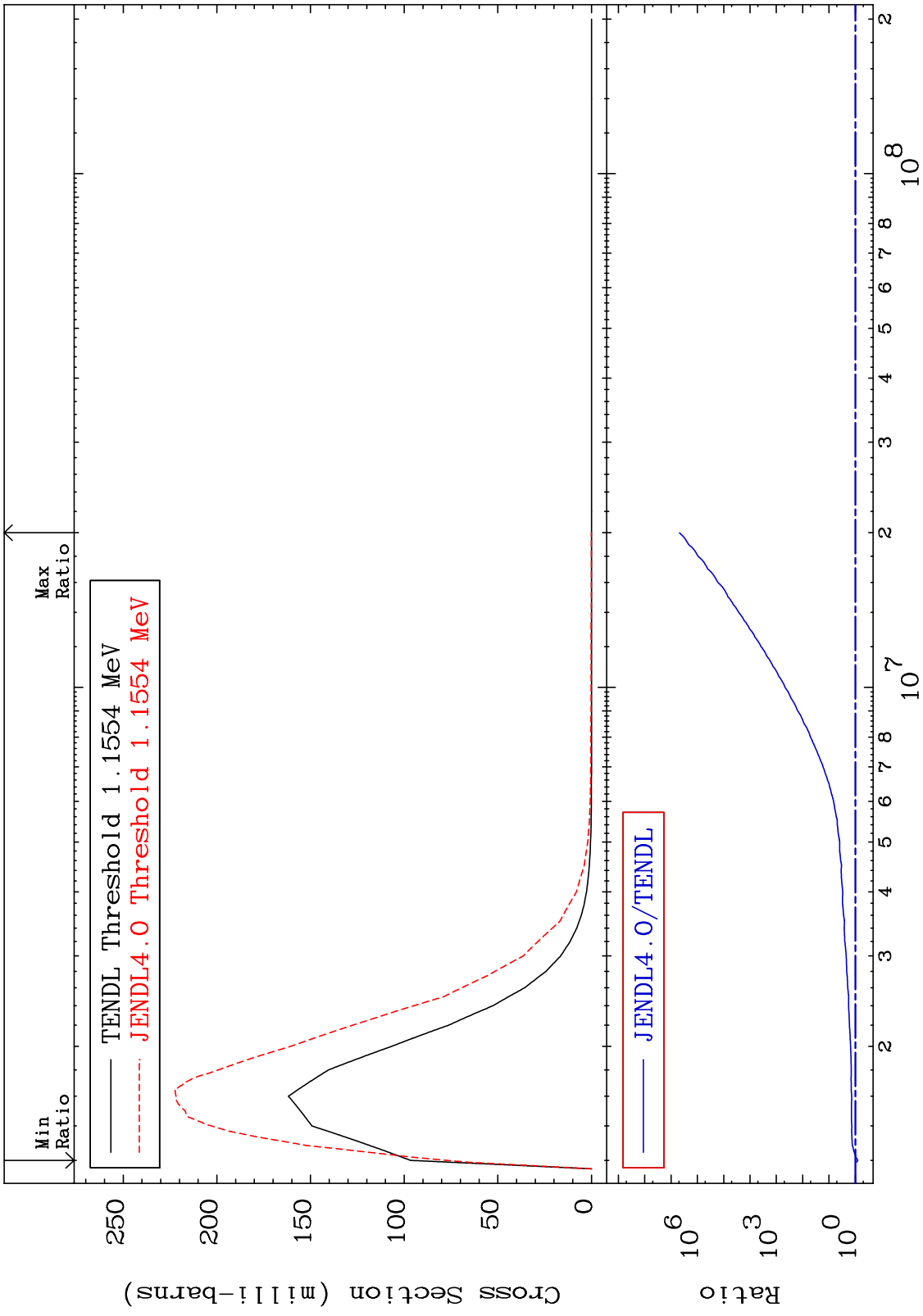


16

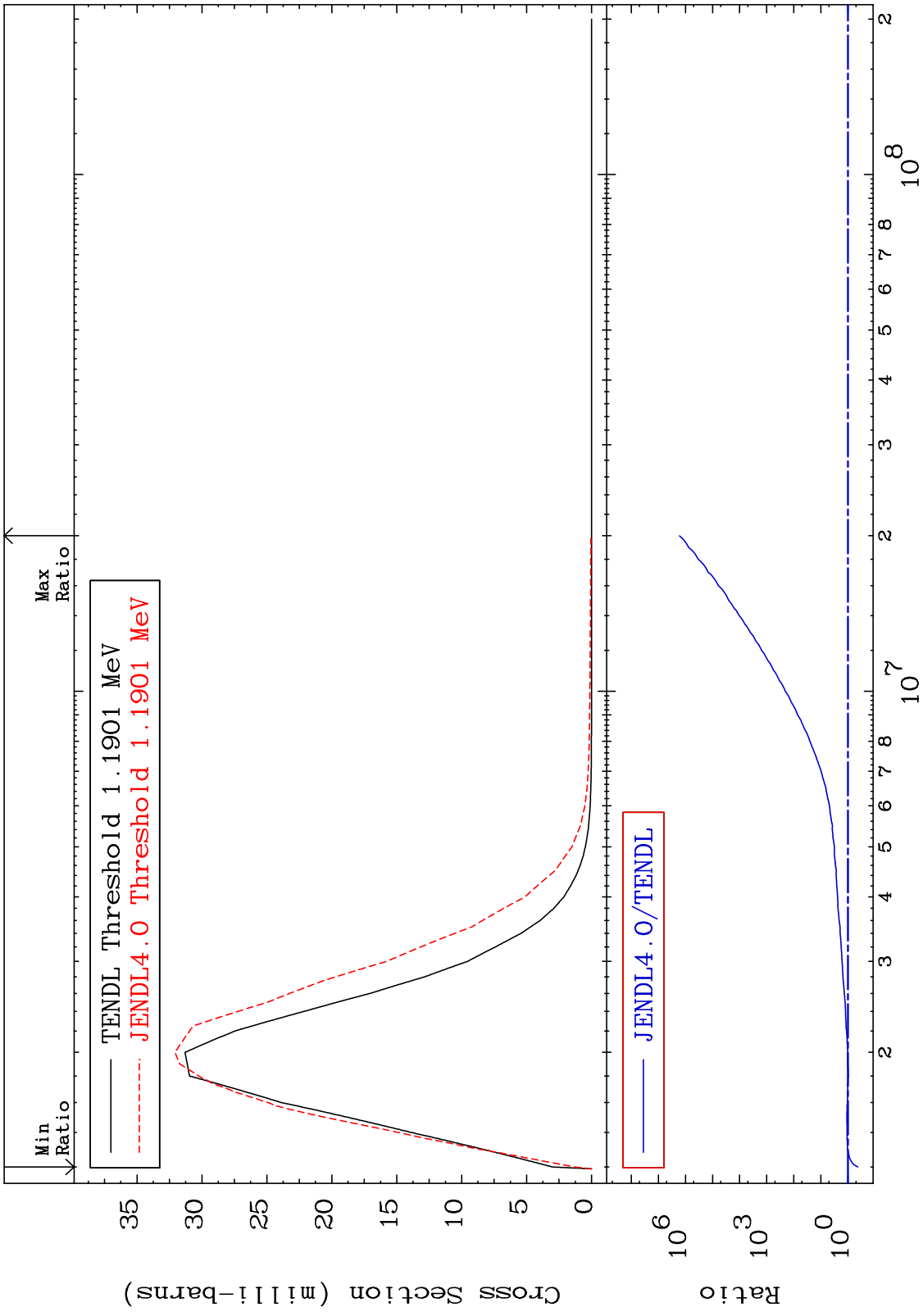
Incident Energy (eV)

66-Dy-162

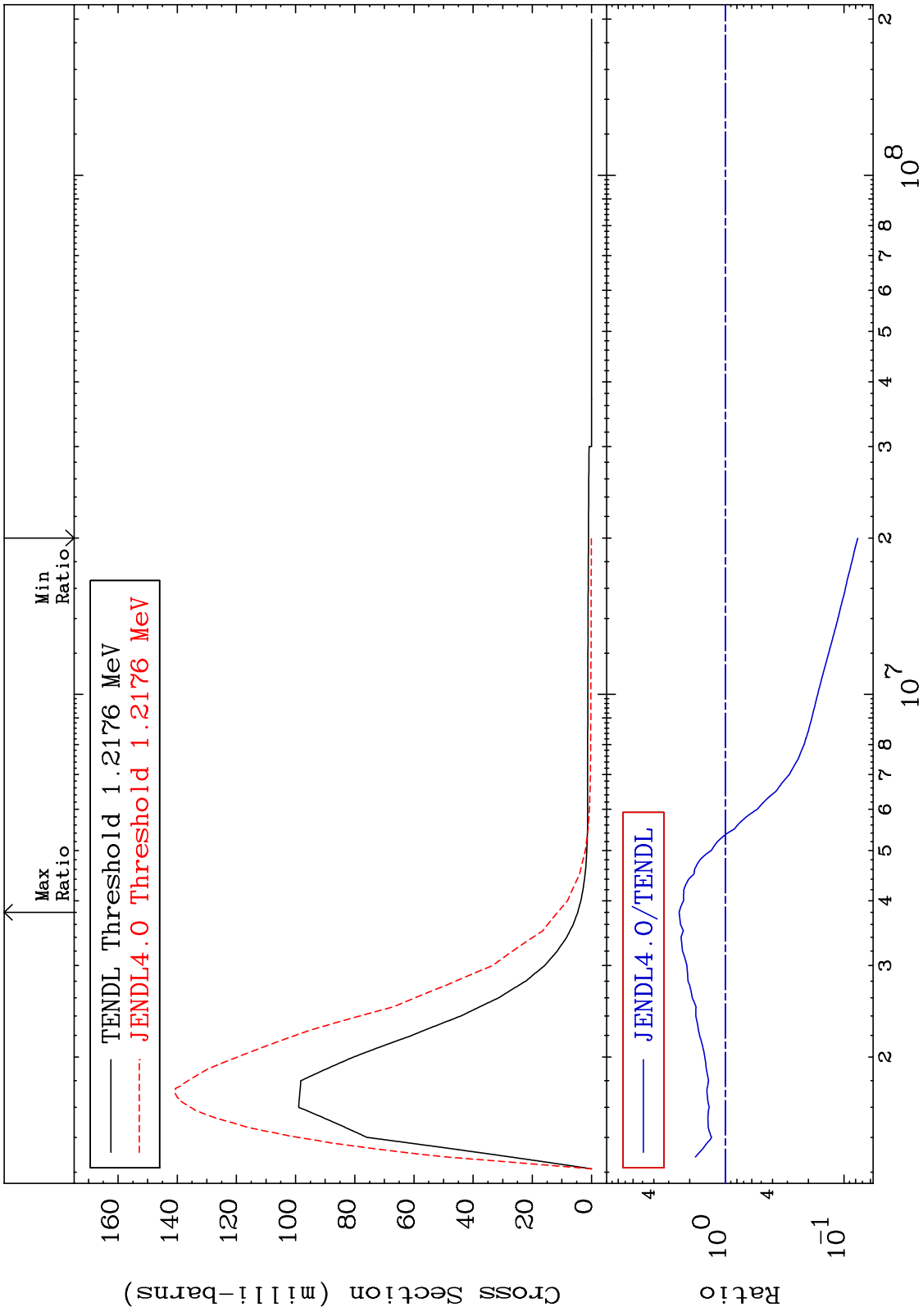
MAT 6643 MT= 58 (n,n') Level Cross Section 66-Dy-162  
 -19.97 To 9999. %



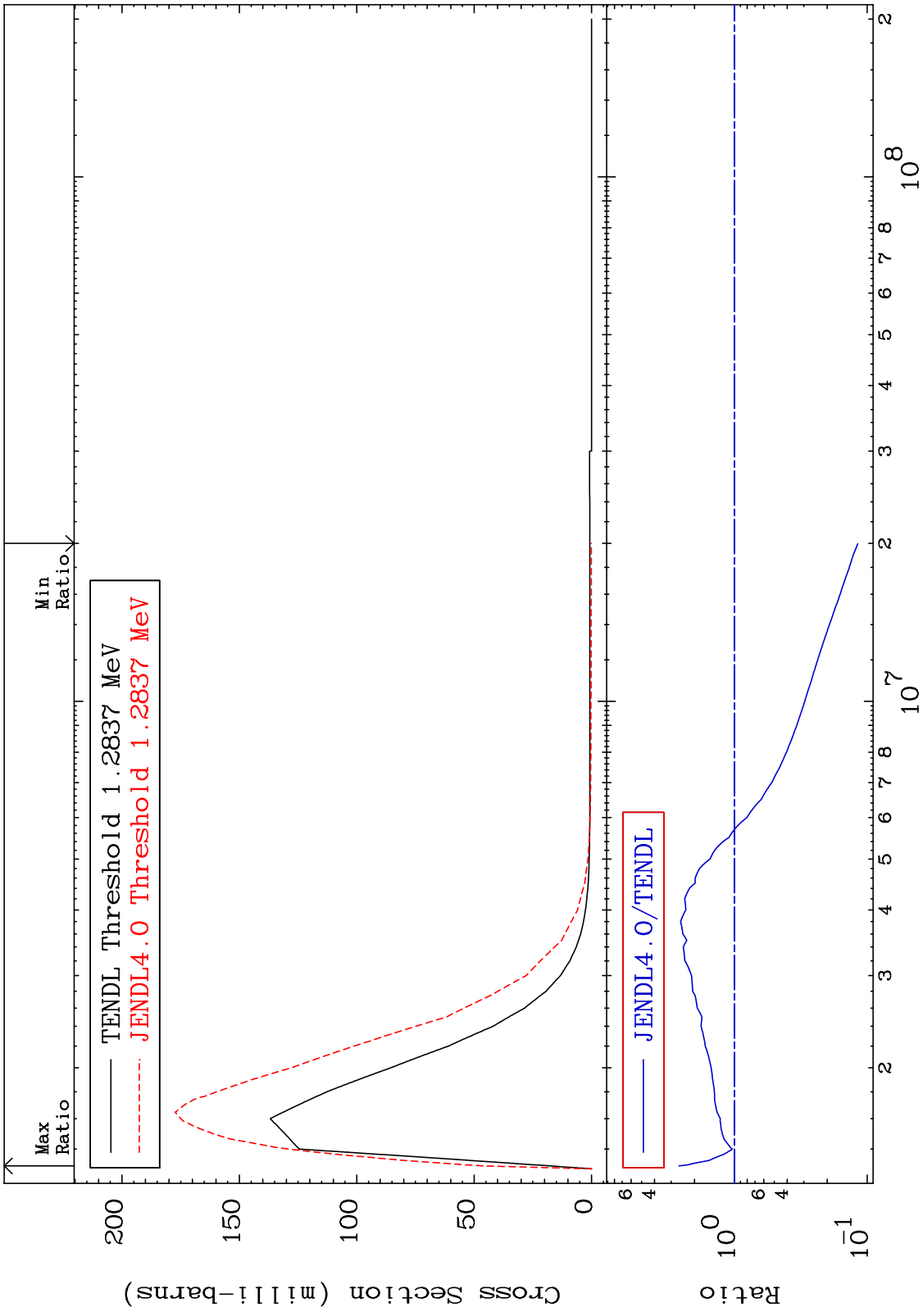
MAT 6643 MT= 59 (n, n') Level Cross Section 66-Dy-162  
 -56.86 To 9999. %



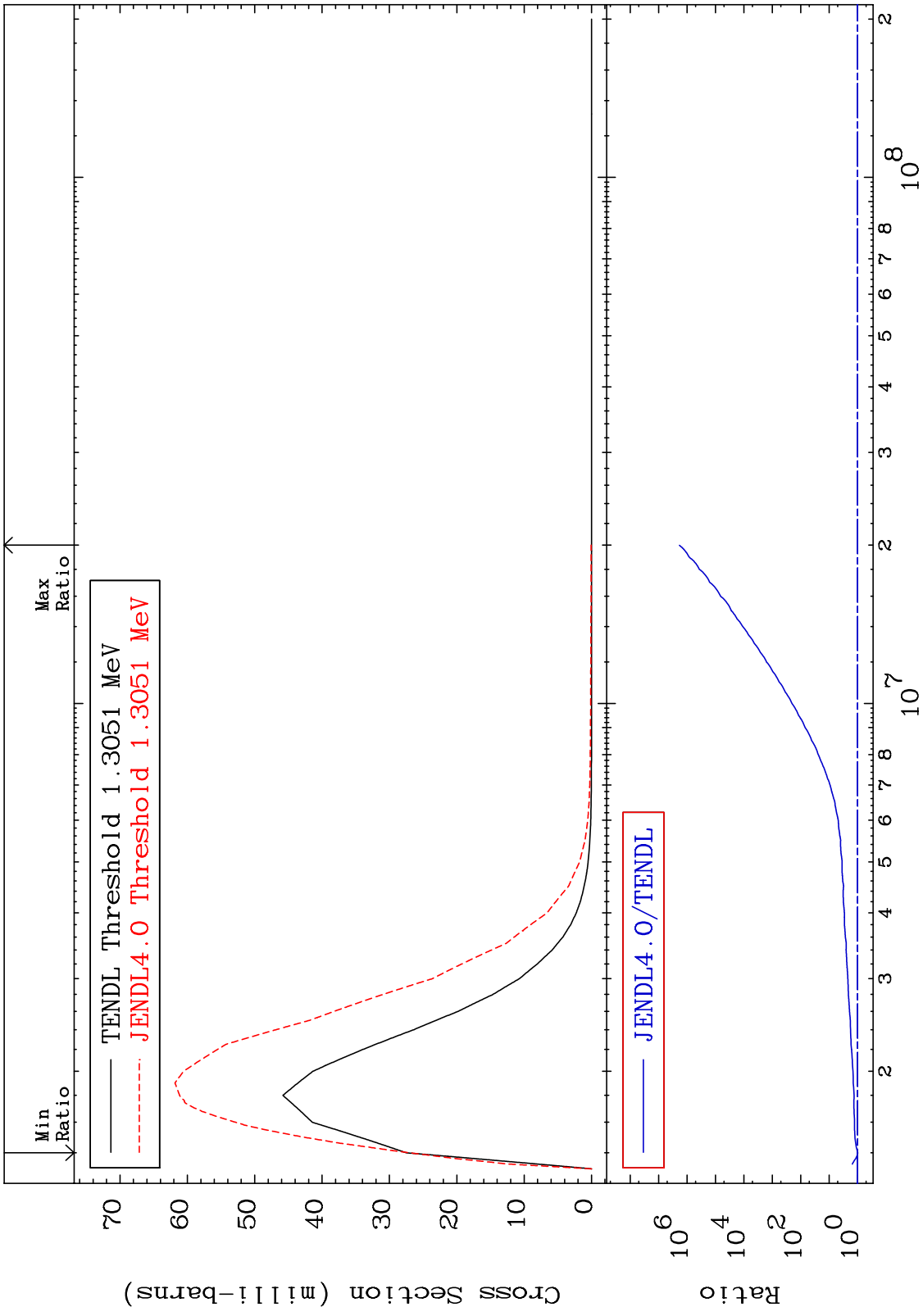
MAT 6643 MT= 60 (n,n') Level Cross Section 66-Dy-162  
 -92.35 To 145.8 %



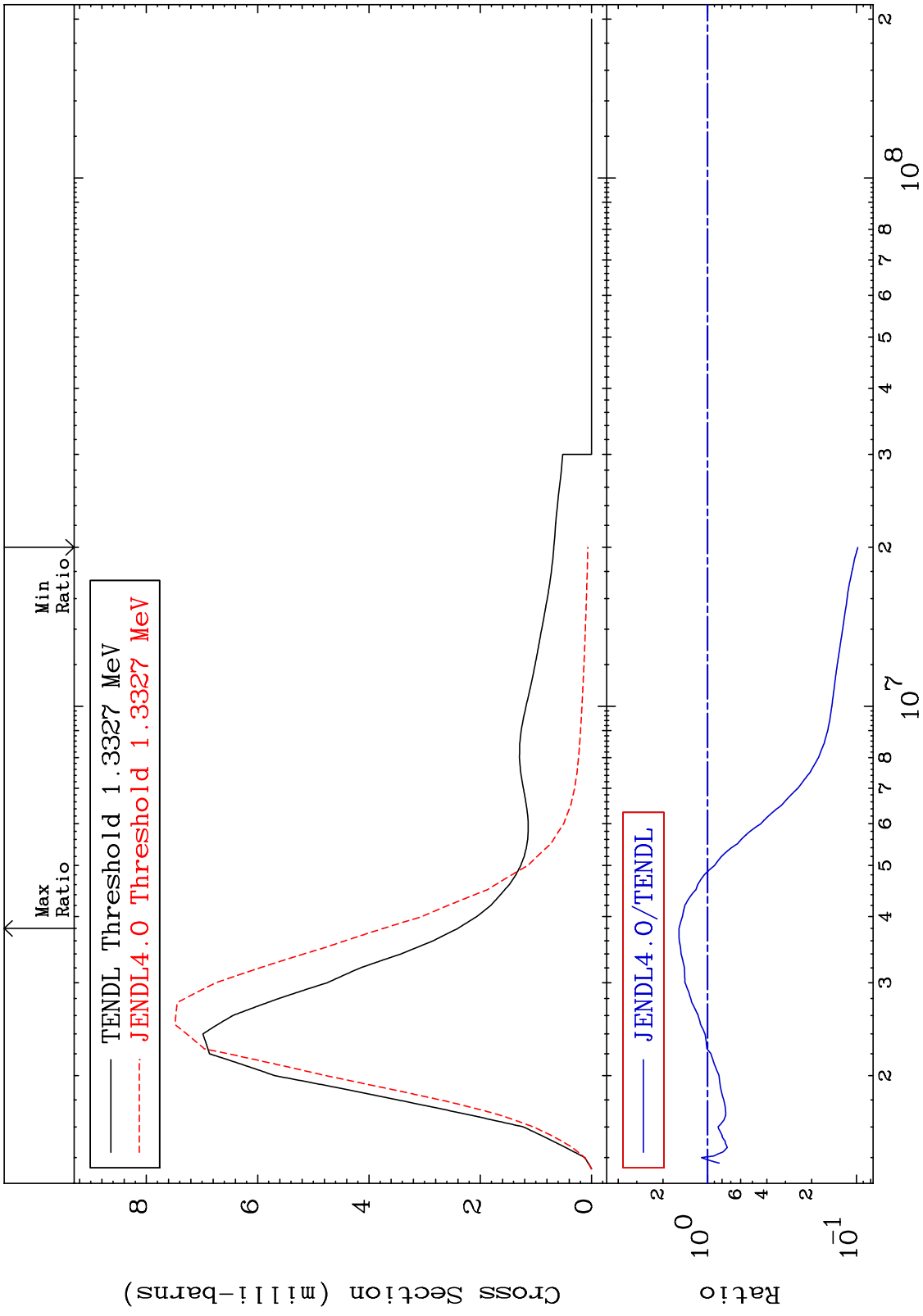
MAT 6643      MT= 61 (n,n') Level      66-Dy-162  
 Cross Section      -88.24 To 161.0 %



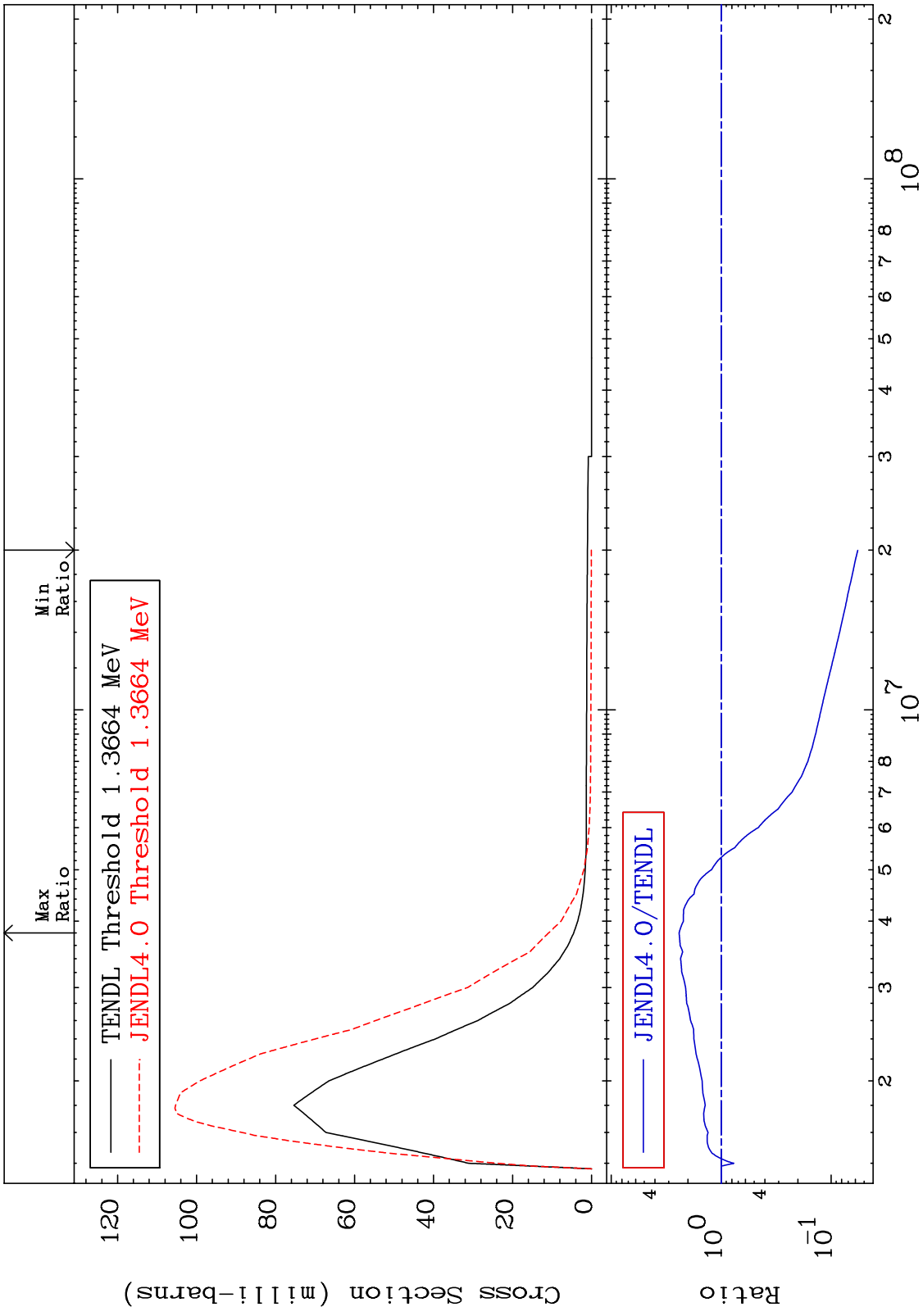
MAT 6643      MT= 62 (n,n') Level Cross Section      66-Dy-162  
 -1.804 To 9999. %



MAT 6643 MT= 63 (n,n') Level Cross Section 66-Dy-162 -90.22 To 55.80 %

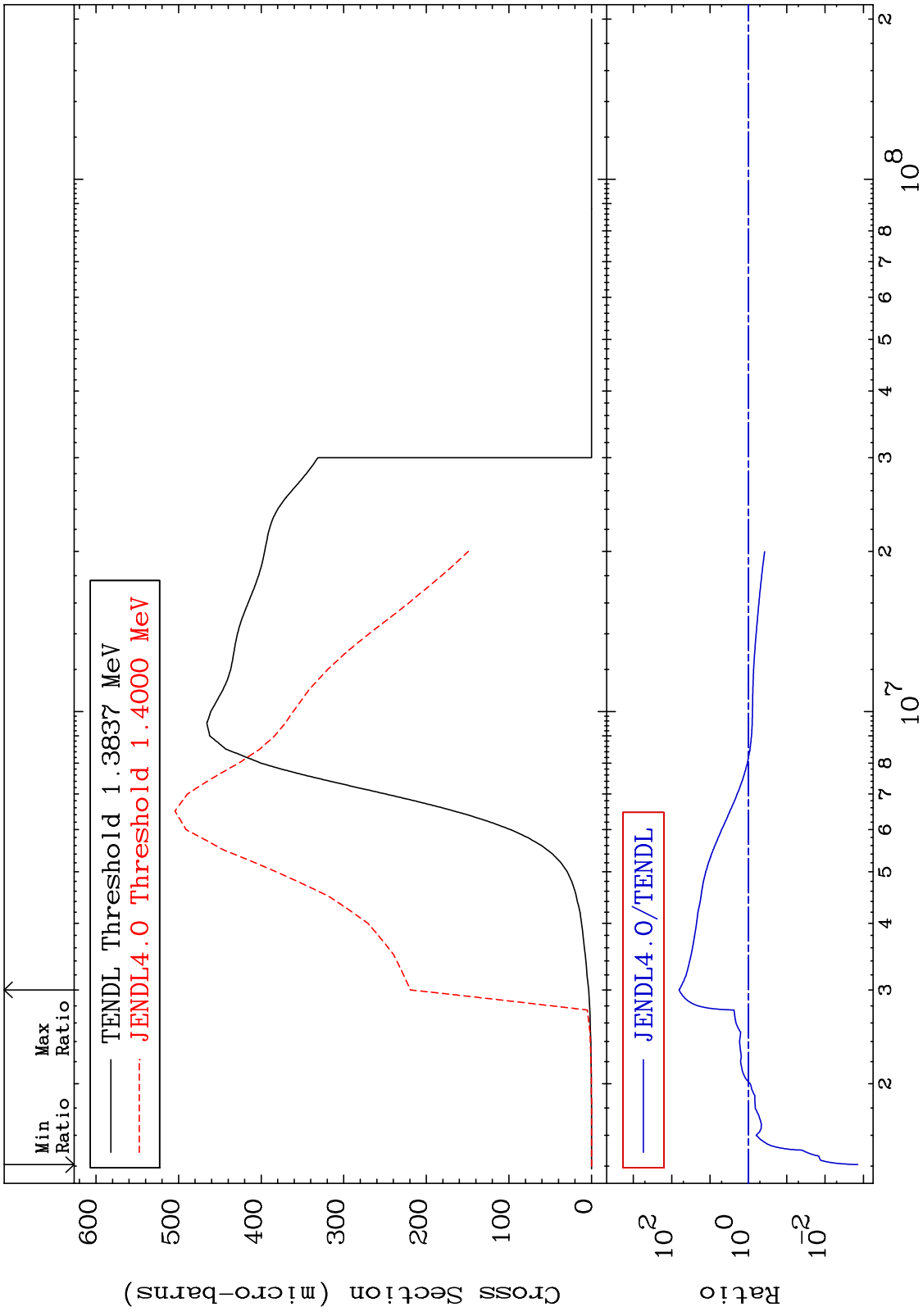


MAT 6643 MT= 64 (n,n') Level Cross Section 66-Dy-162 -94.29 To 141.5 %

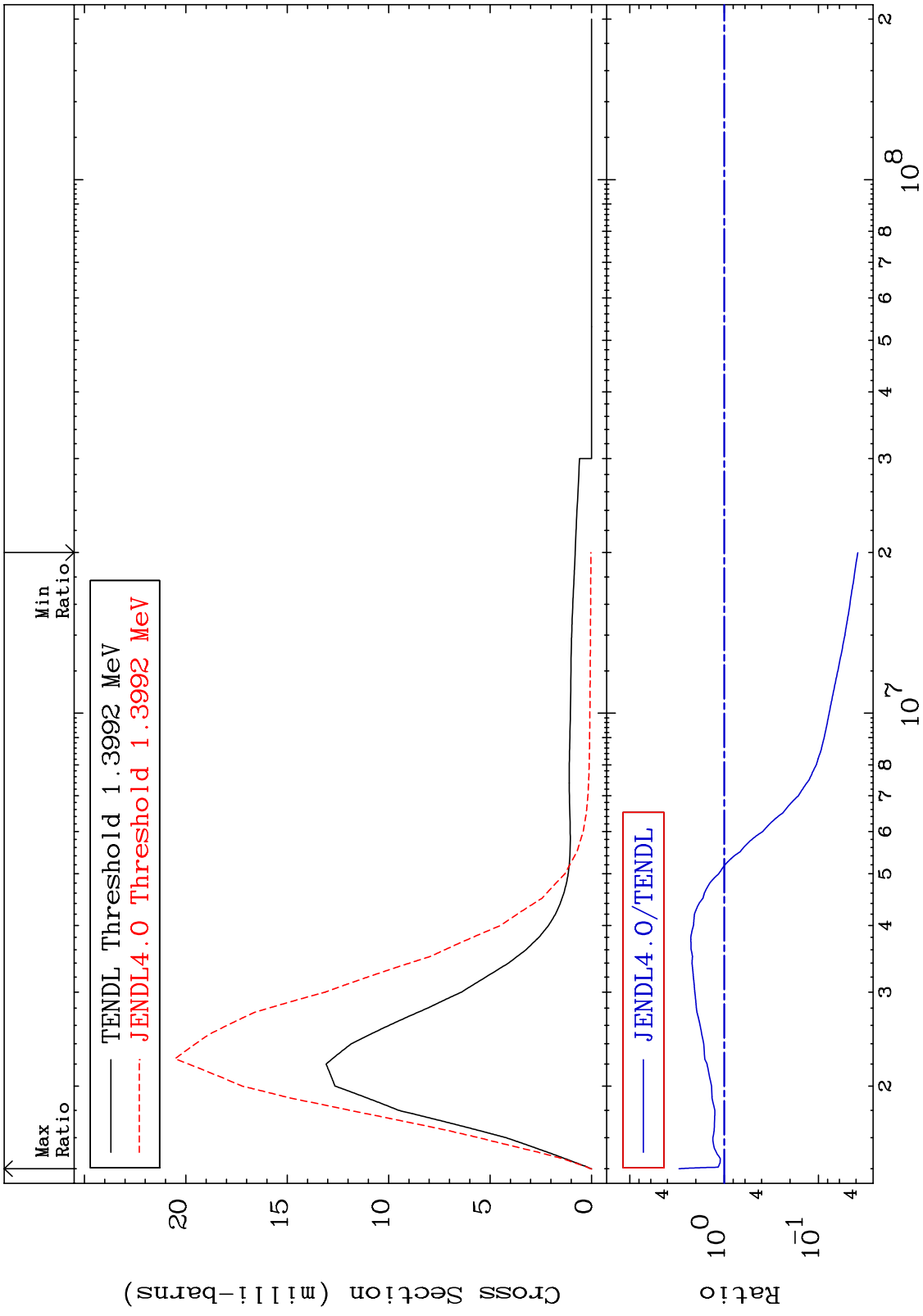




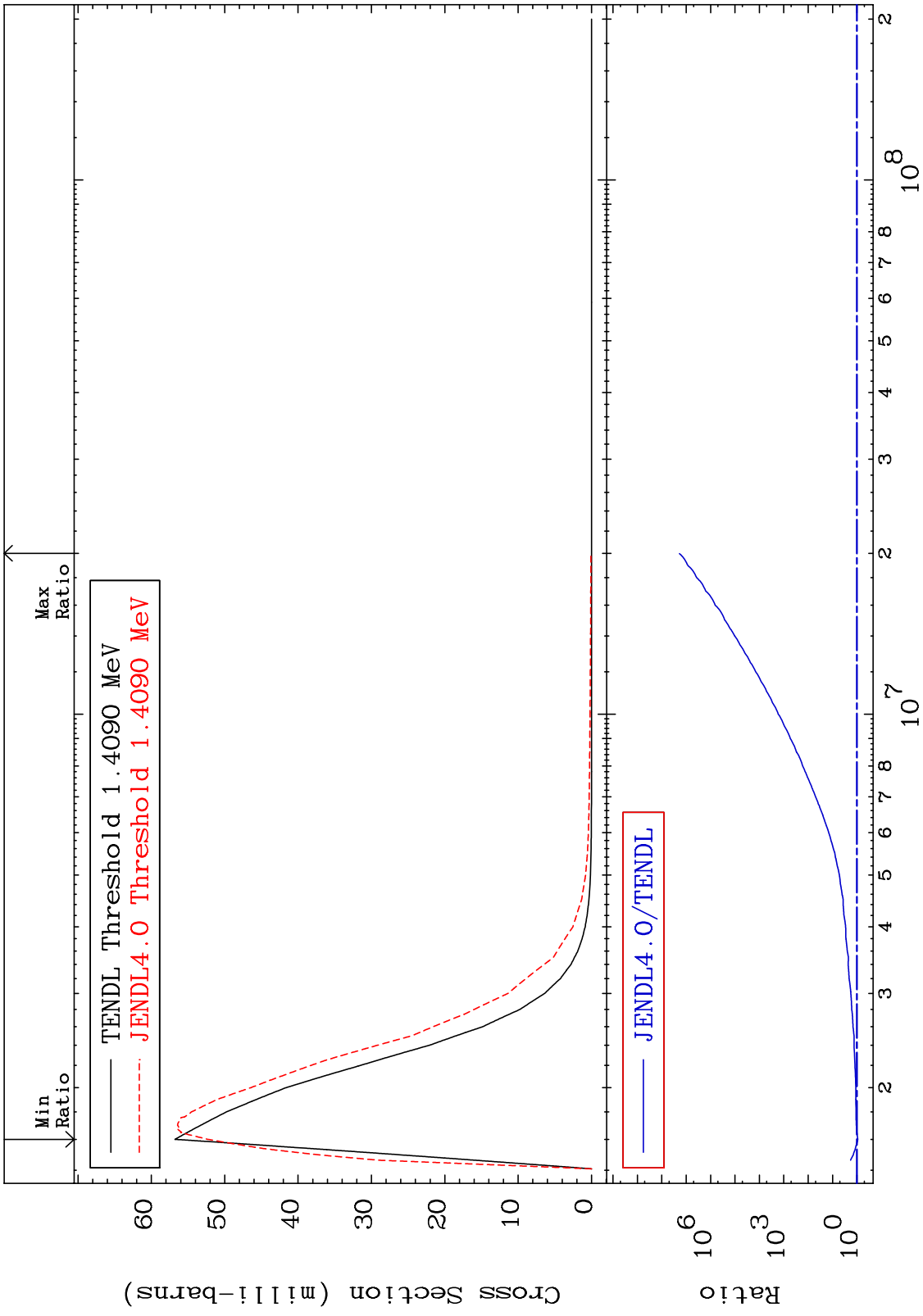
MAT 6643      MT= 65 (n,n') Level Cross Section      66-Dy-162  
 -99.86 To 6337. %



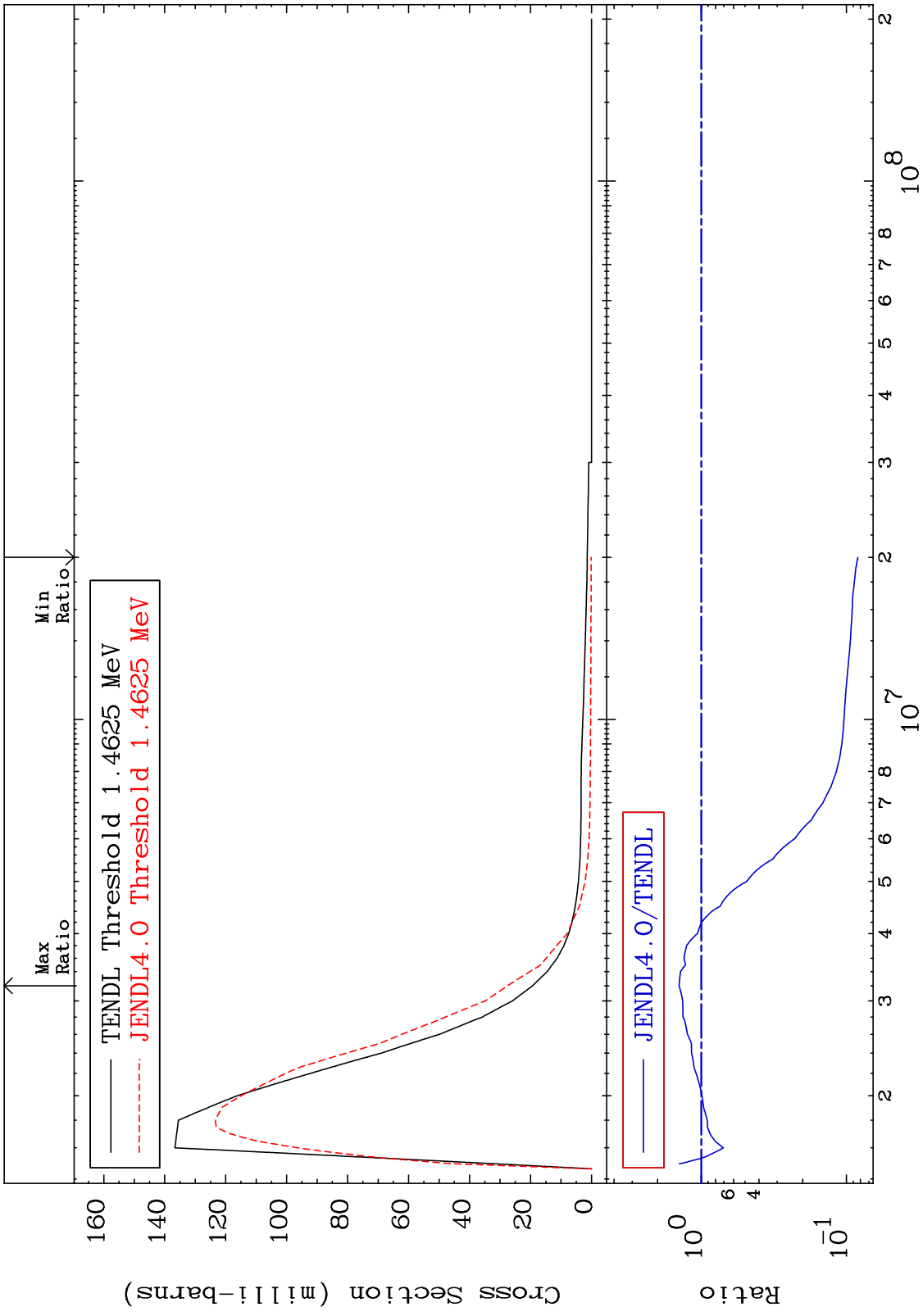
MAT 6643 MT= 66 (n,n') Level Cross Section 66-Dy-162 -96.18 To 200.7 %



MAT 6643 MT= 67 (n,n') Level Cross Section 66-Dy-162  
 -7.879 To 9999. %



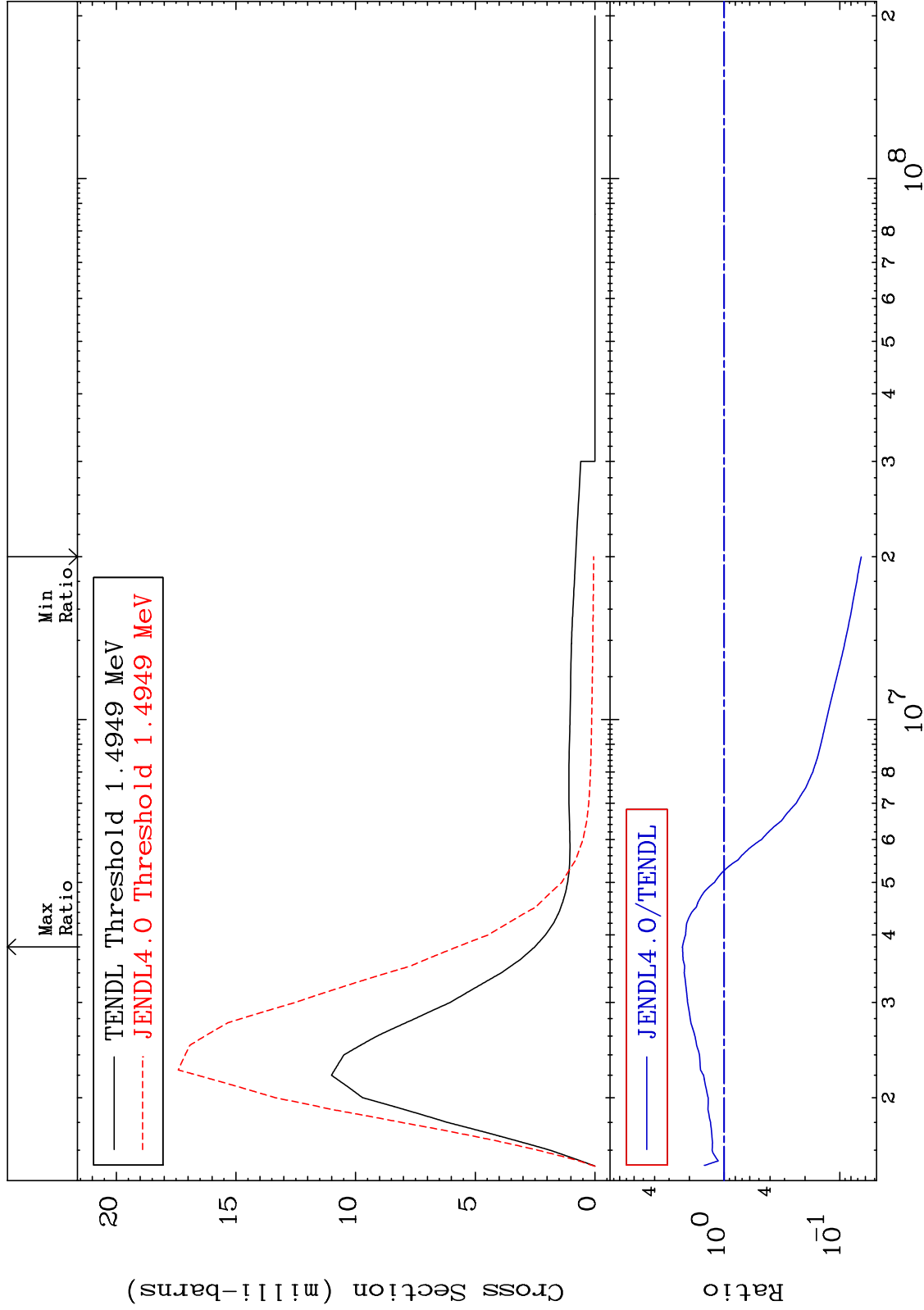
MAT 6643 MT= 68 (n,n') Level Cross Section 66-Dy-162 -91.65 To 42.45 %



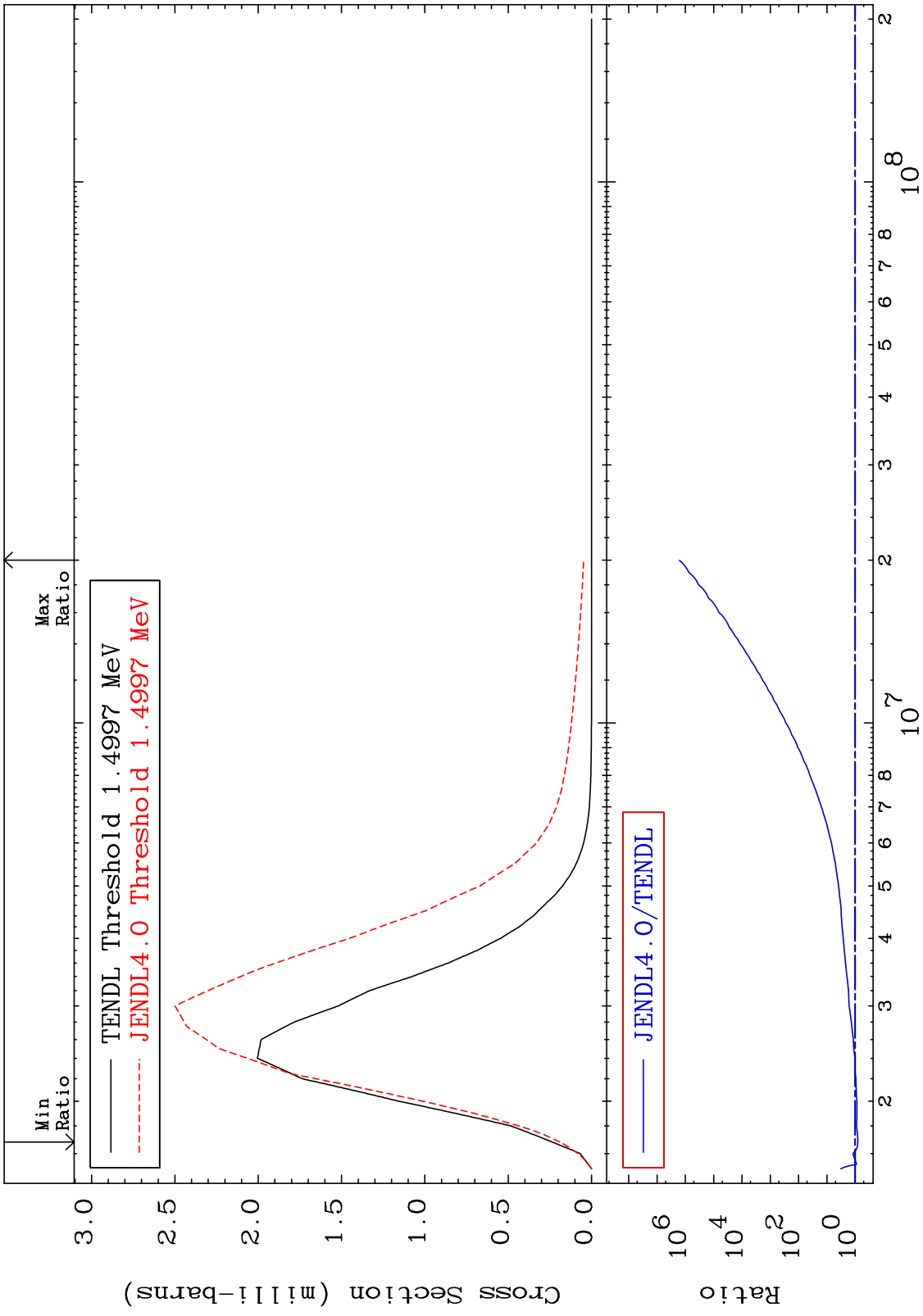
MAT 6643

MT= 69 (n,n') Level  
Cross Section

66-Dy-162  
-93.49 To 129.4 %



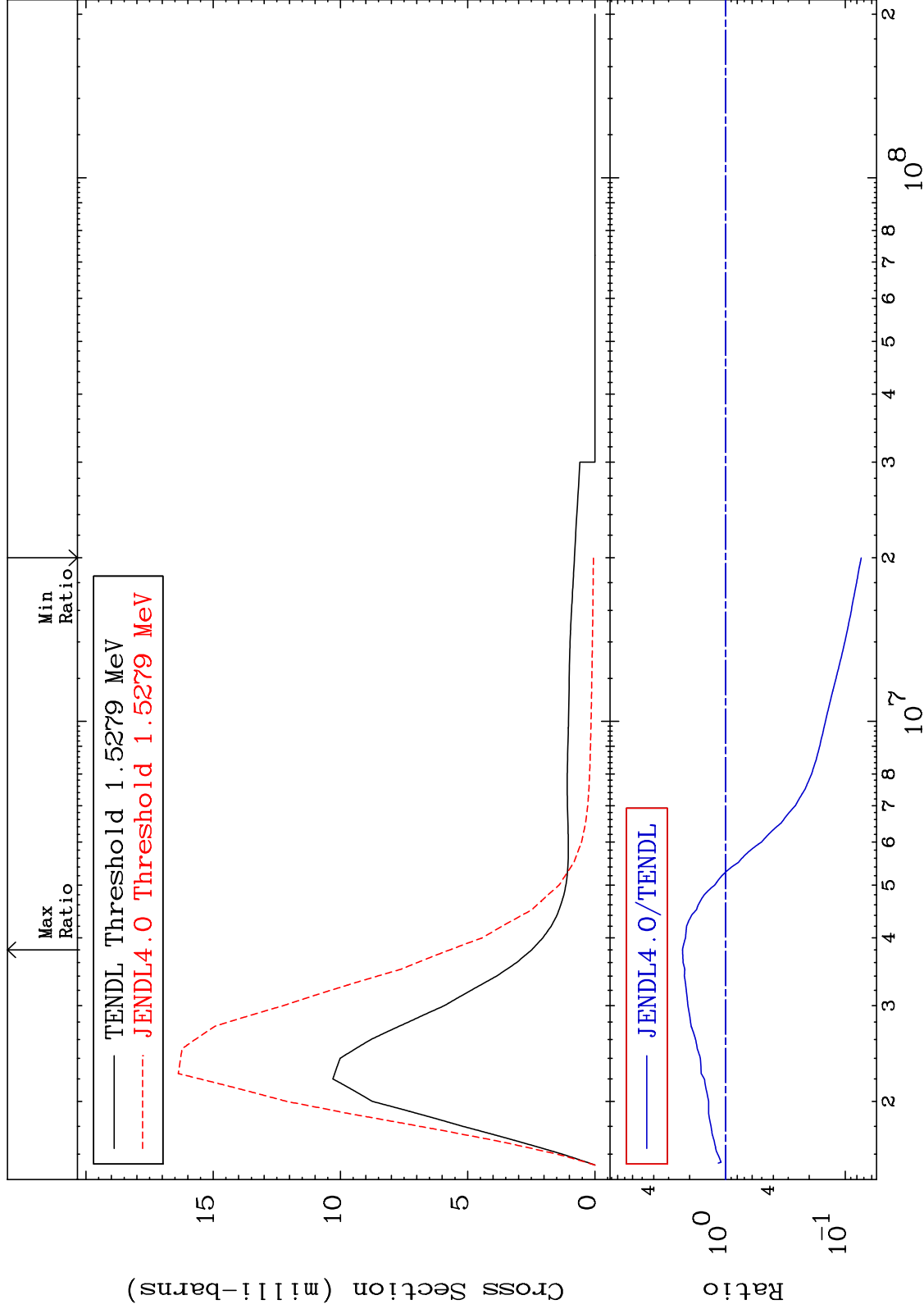
MAT 6643 MT= 70 (n,n') Level Cross Section 66-Dy-162  
 -19.30 To 9999. %



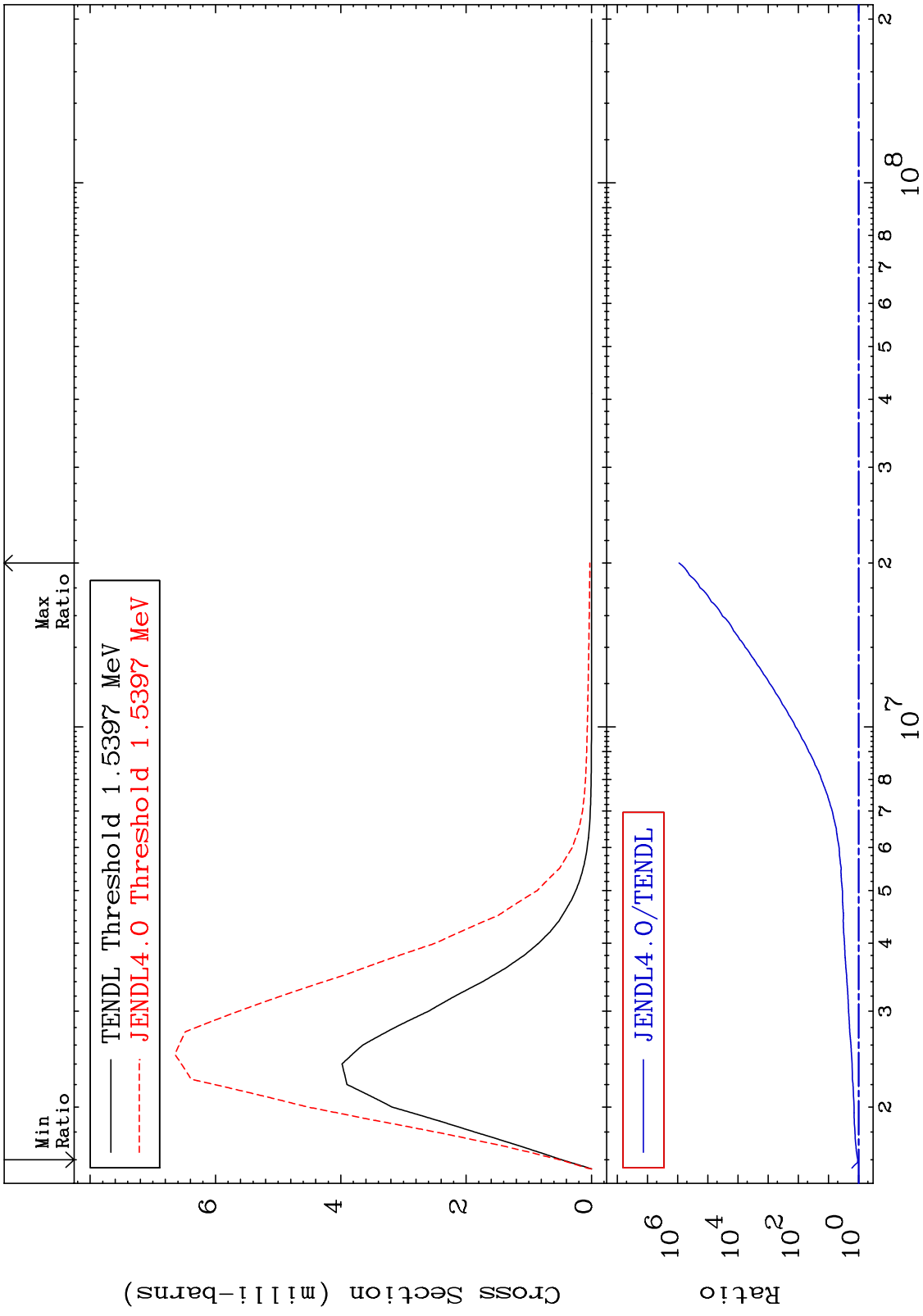
MAT 6643

MT= 71 (n,n') Level  
Cross Section

66-Dy-162  
-92.65 To 129.7 %

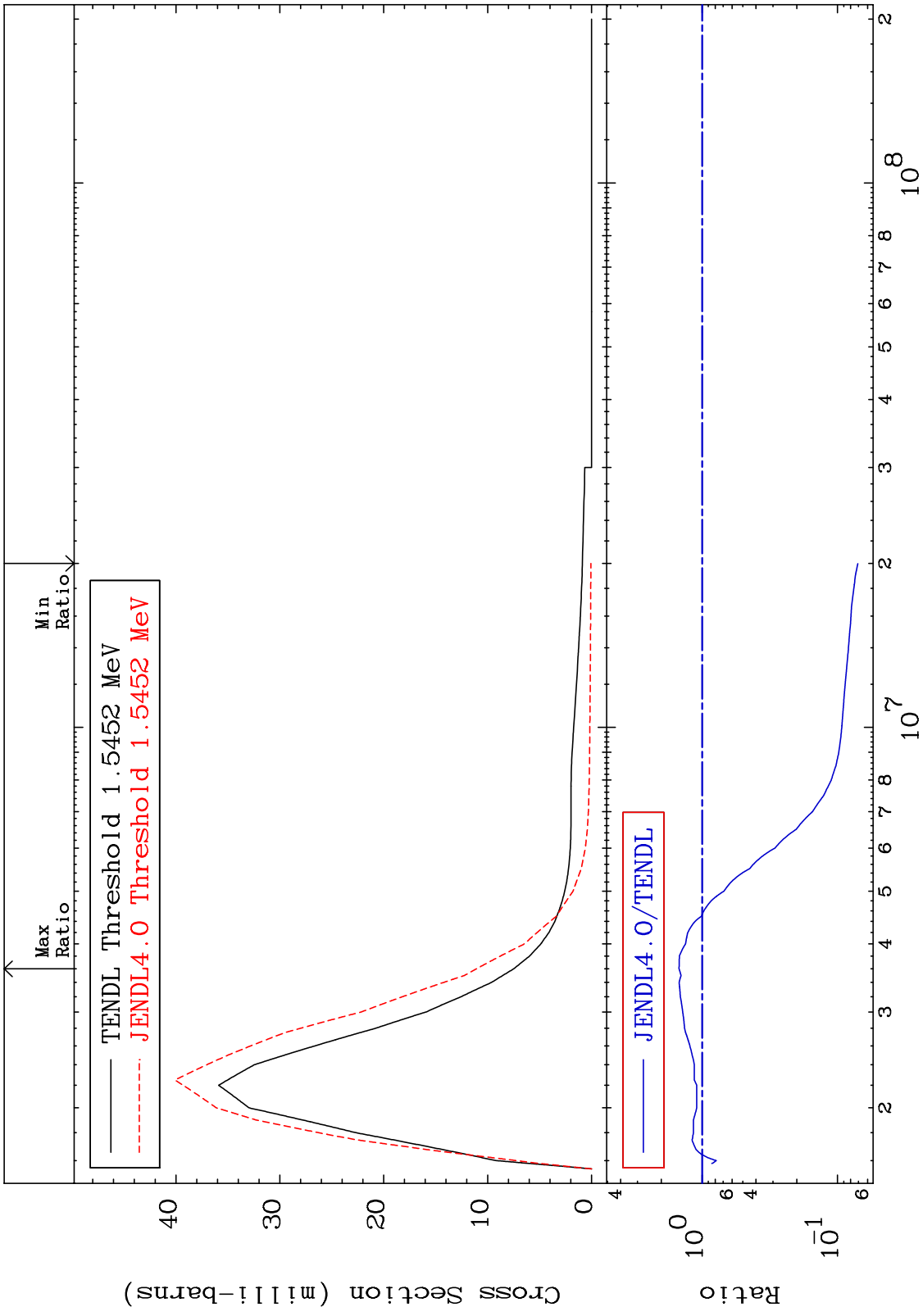


MAT 6643 MT= 72 (n,n') Level Cross Section 66-Dy-162  
 6.733 To 9999. %

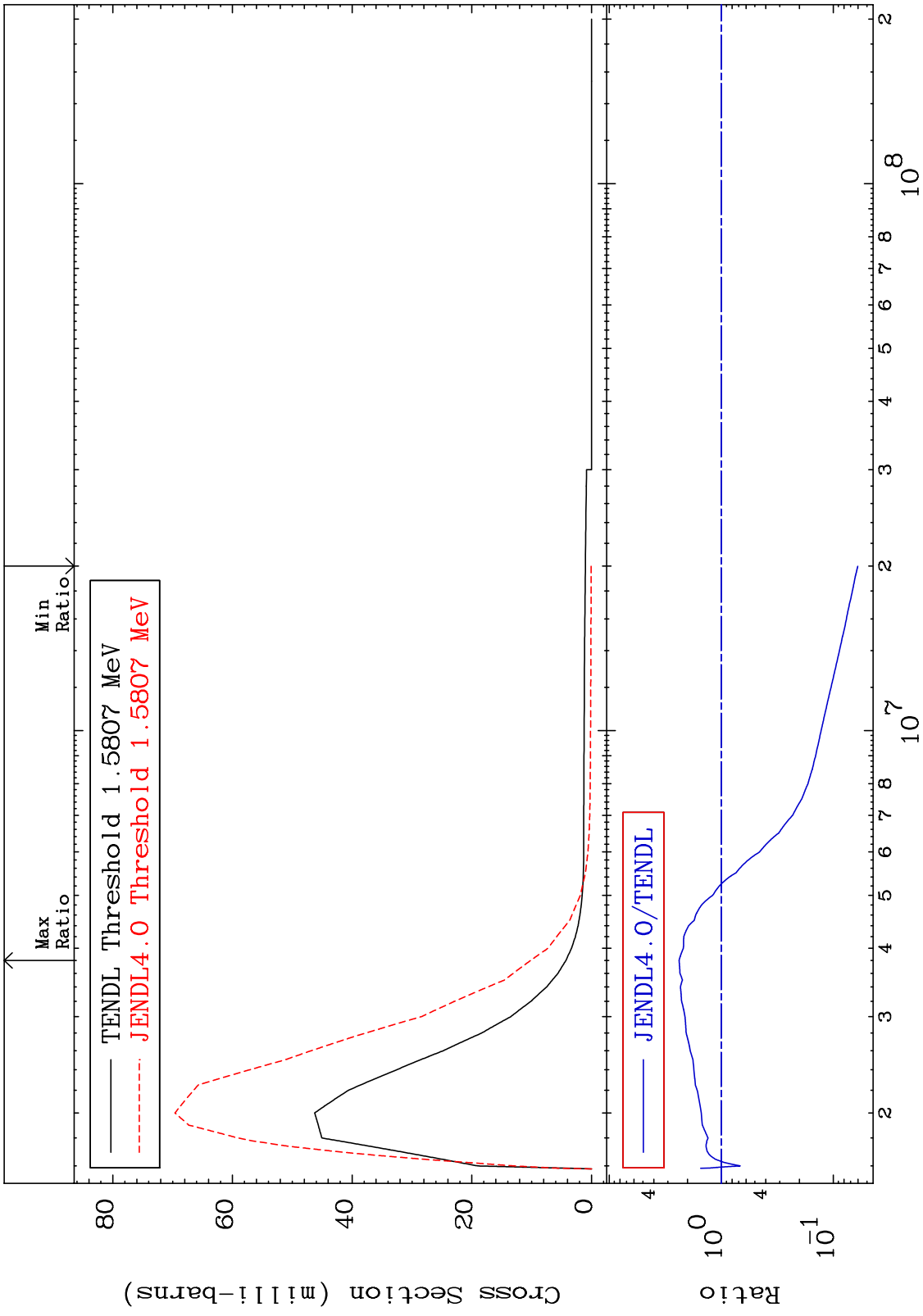




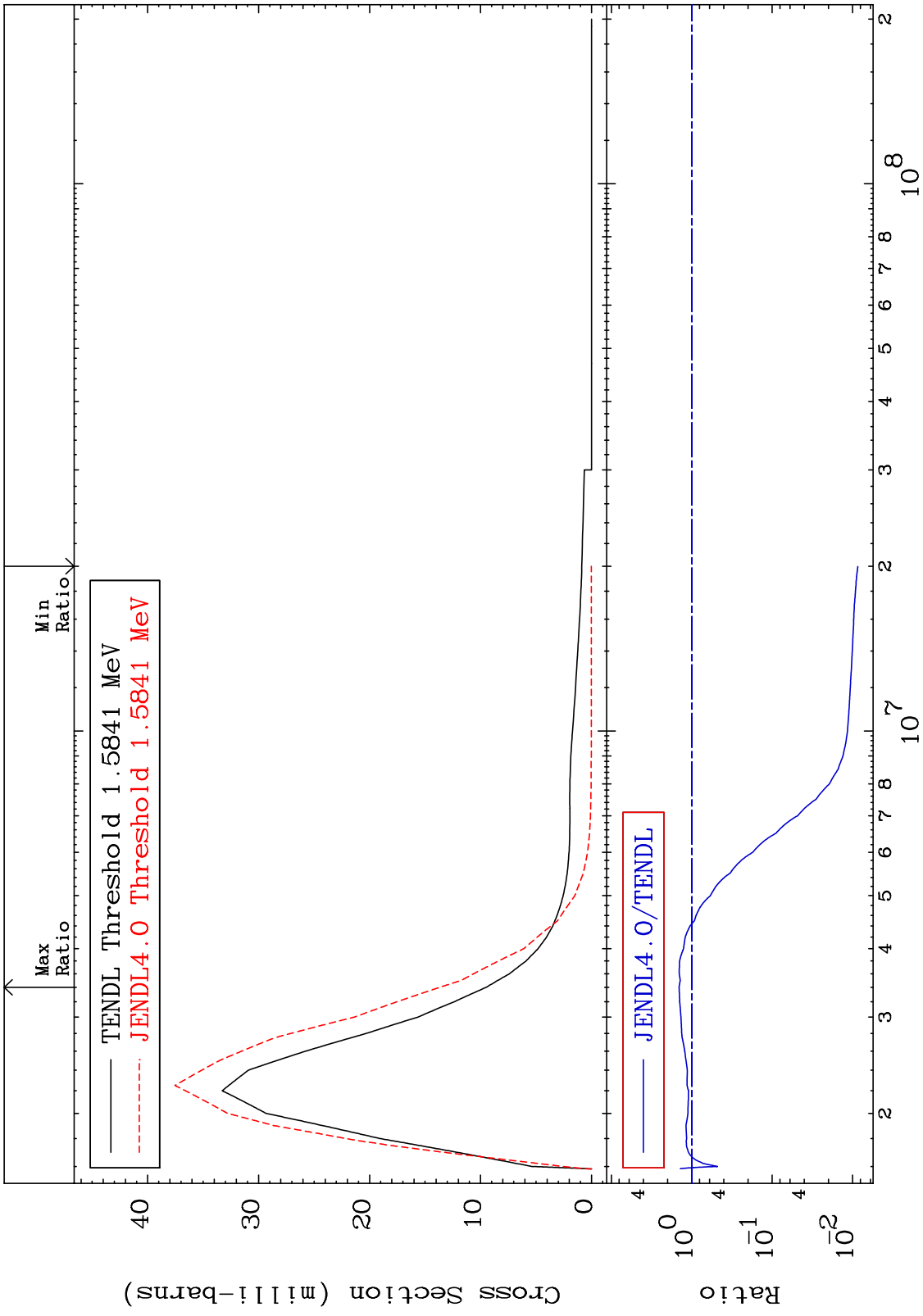
MAT 6643 MT= 73 (n,n') Level Cross Section 66-Dy-162  
 -92.92 To 48.08 %



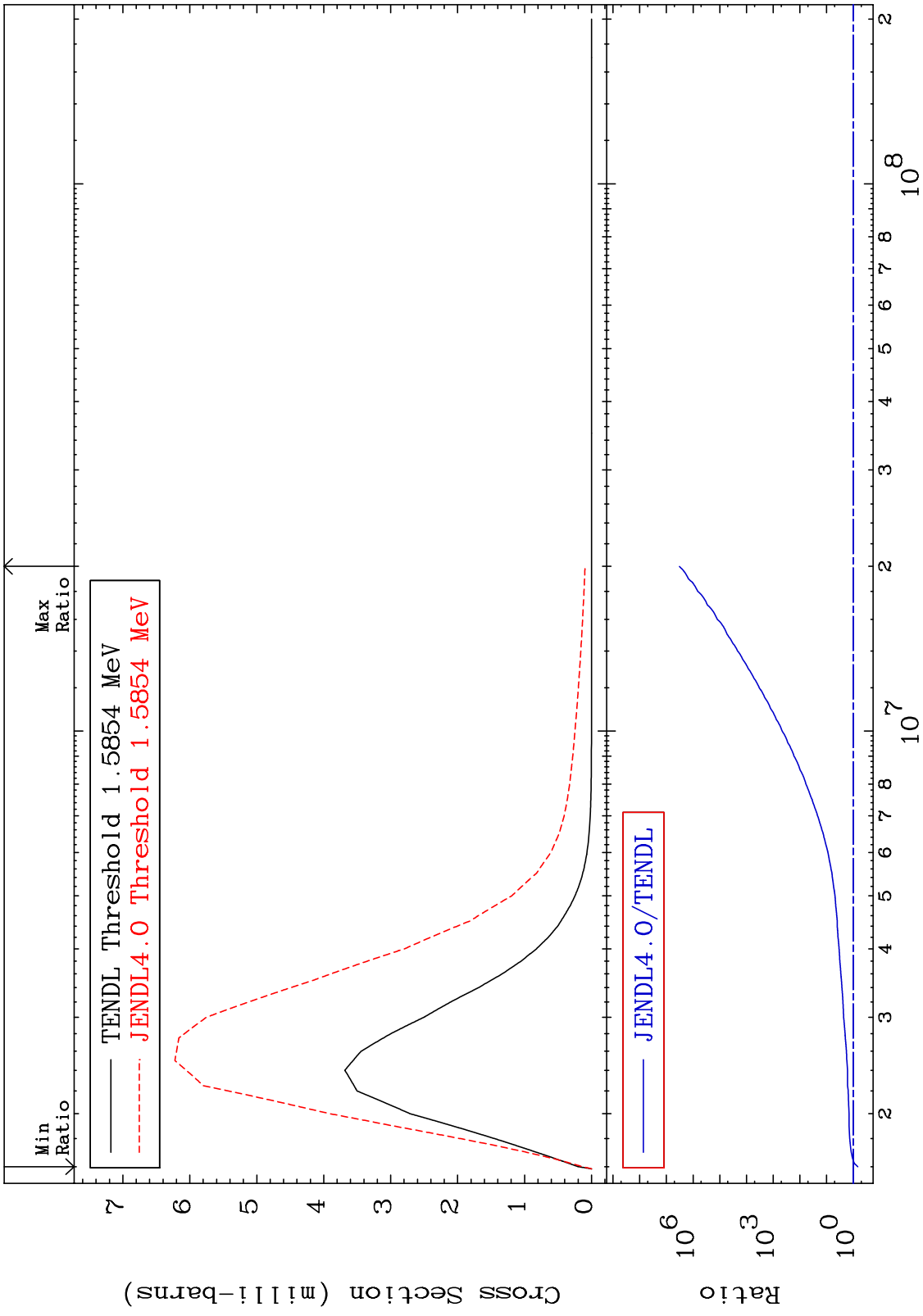
MAT 6643 MT= 74 (n,n') Level Cross Section 66-Dy-162  
 -93.97 To 137.8 %



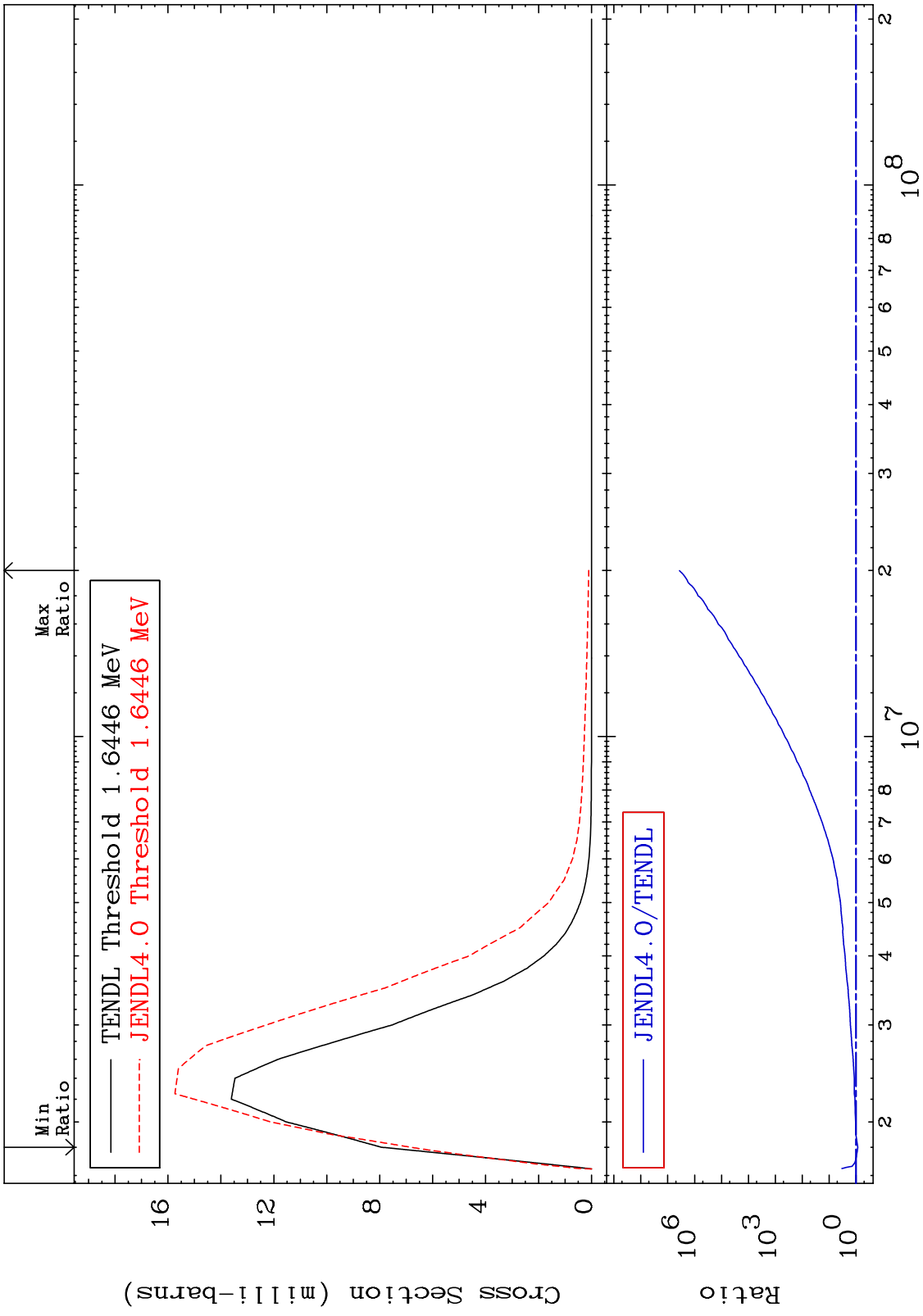
MAT 6643 MT= 75 (n,n') Level Cross Section 66-Dy-162  
 -99.14 To 44.09 %



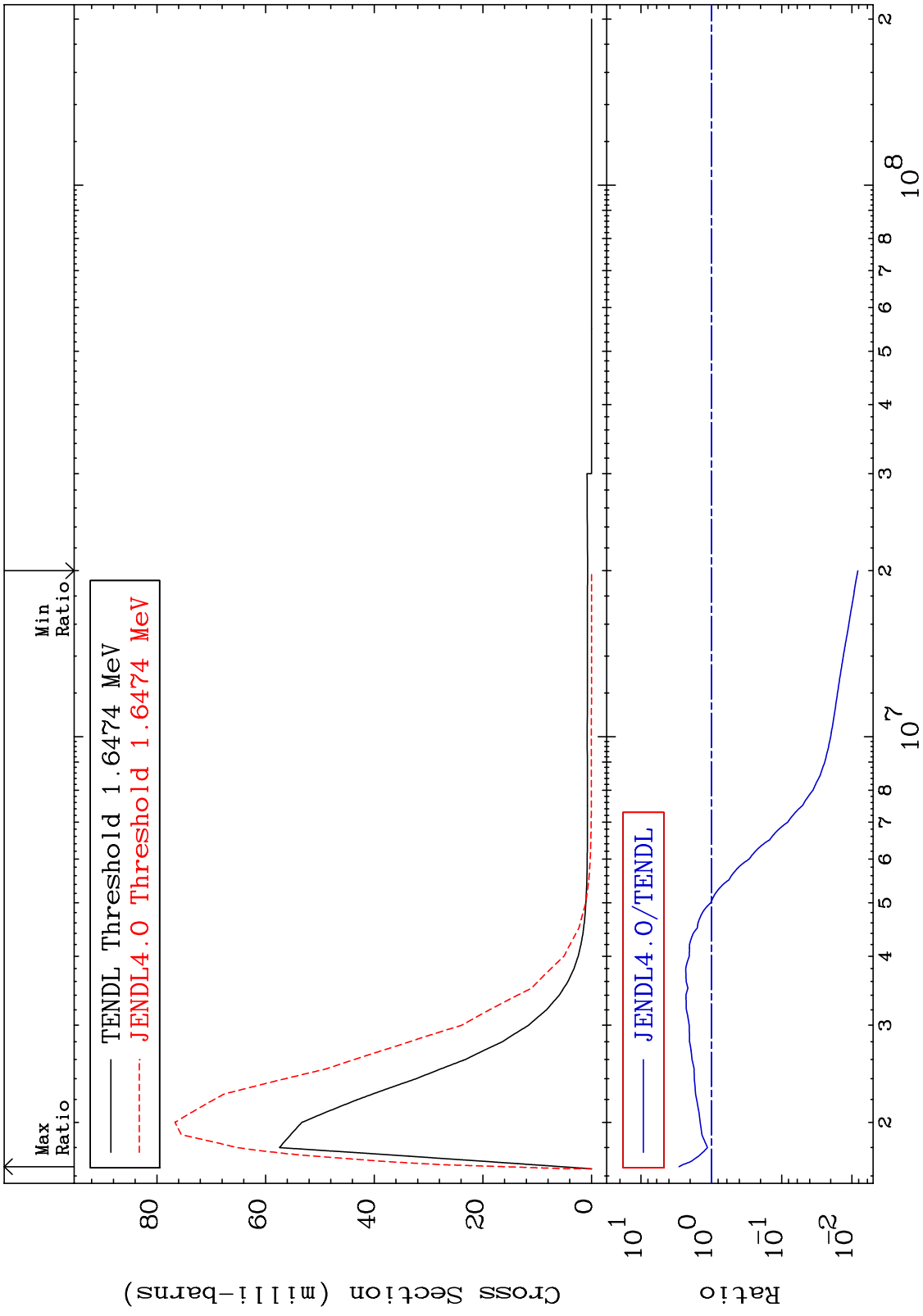
MAT 6643 MT= 76 (n,n') Level Cross Section 66-Dy-162  
 -32.67 To 9999. %



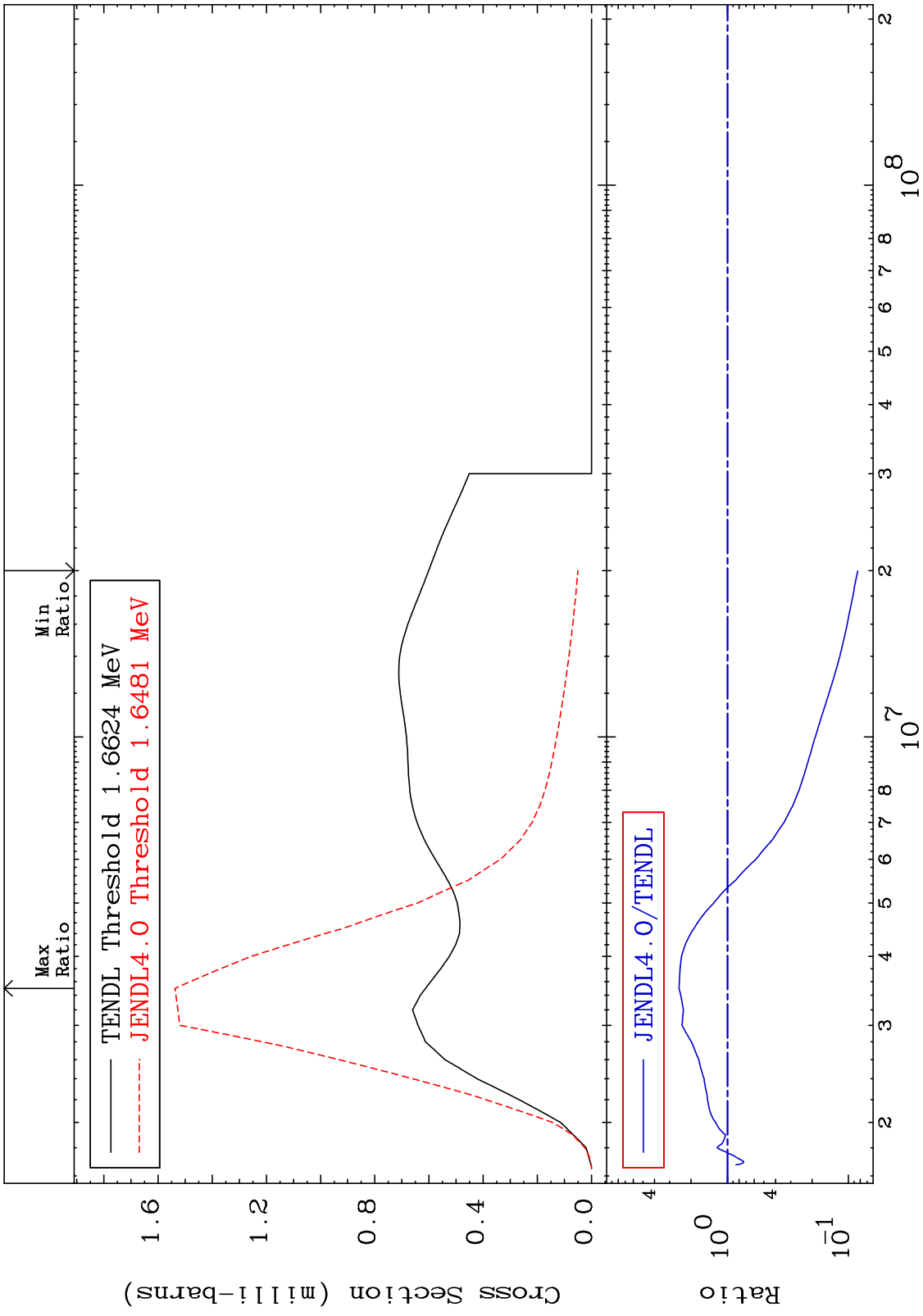
MAT 6643      MT= 77 (n,n') Level      66-Dy-162  
 Cross Section      -13.89 To 9999. %



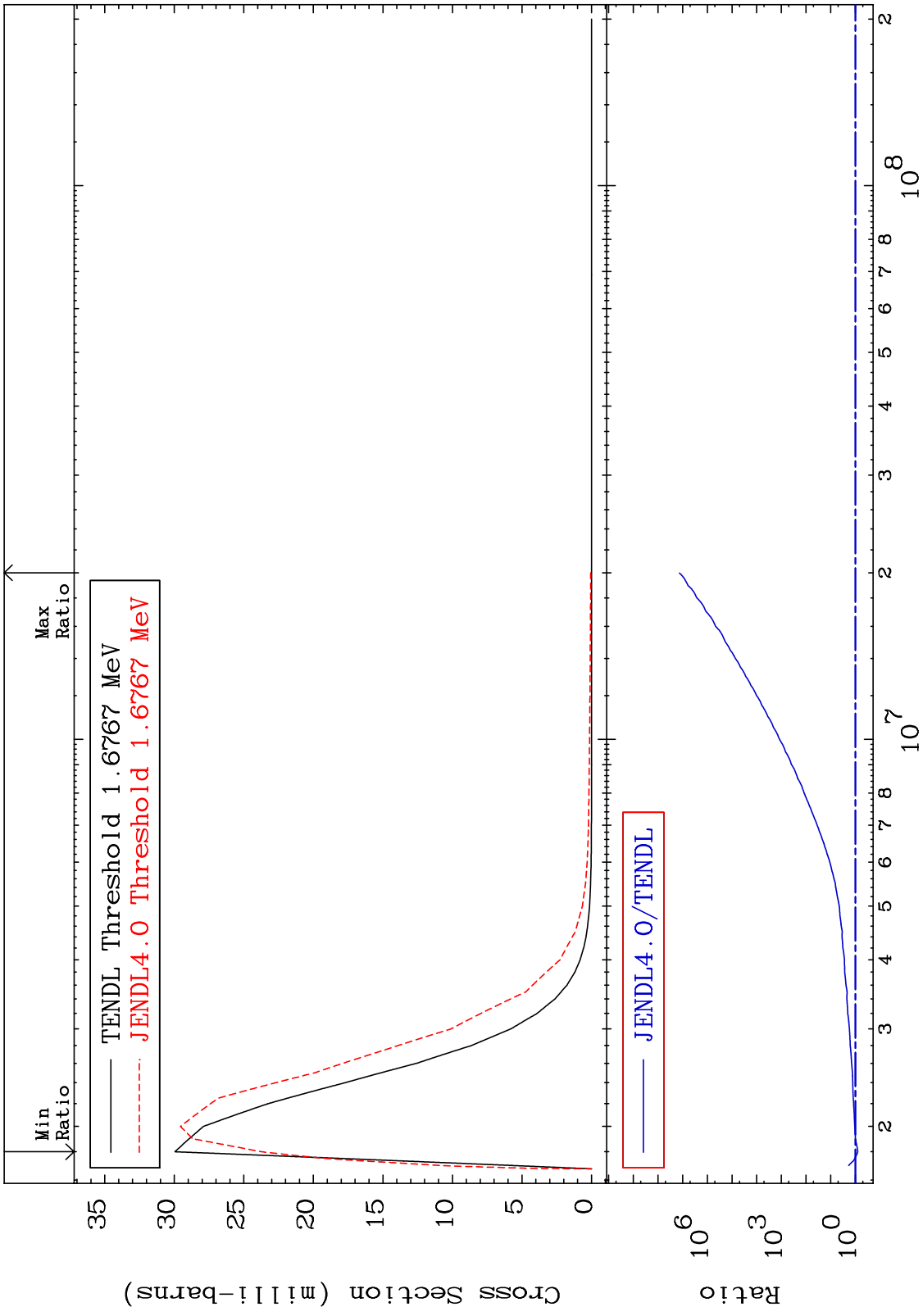
MAT 6643 MT= 78 (n,n') Level Cross Section 66-Dy-162  
 -99.18 To 187.8 %



MAT 6643      MT= 79 (n,n') Level Cross Section      66-Dy-162  
 -91.64 To 151.0 %



MAT 6643 MT= 80 (n,n') Level Cross Section 66-Dy-162  
 -20.73 To 9999. %

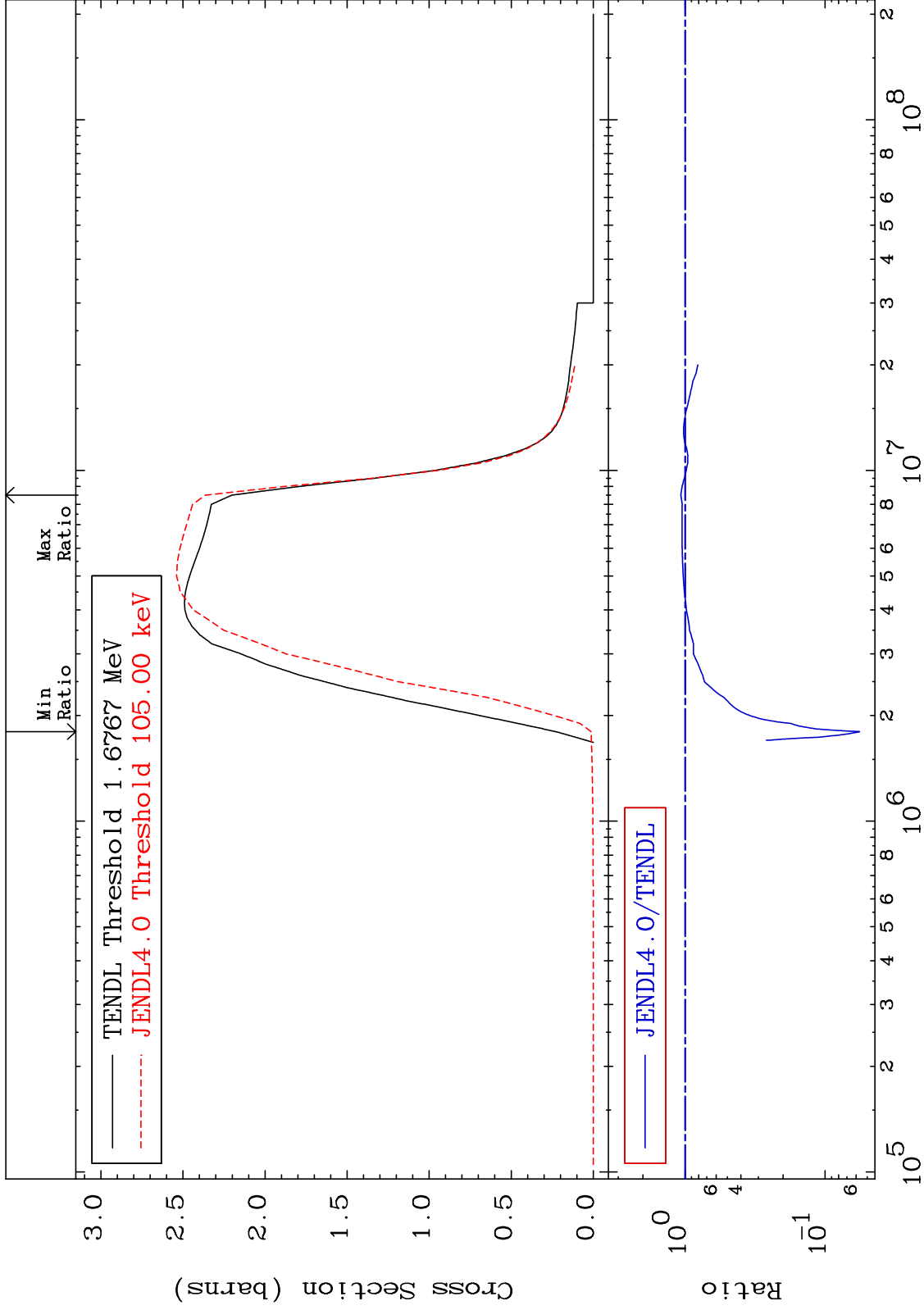




MAT 6643

(n, n') Continuum  
Cross Section

66-Dy-162  
-94.33 To 7.294 %



40

Incident Energy (eV)

66-Dy-162

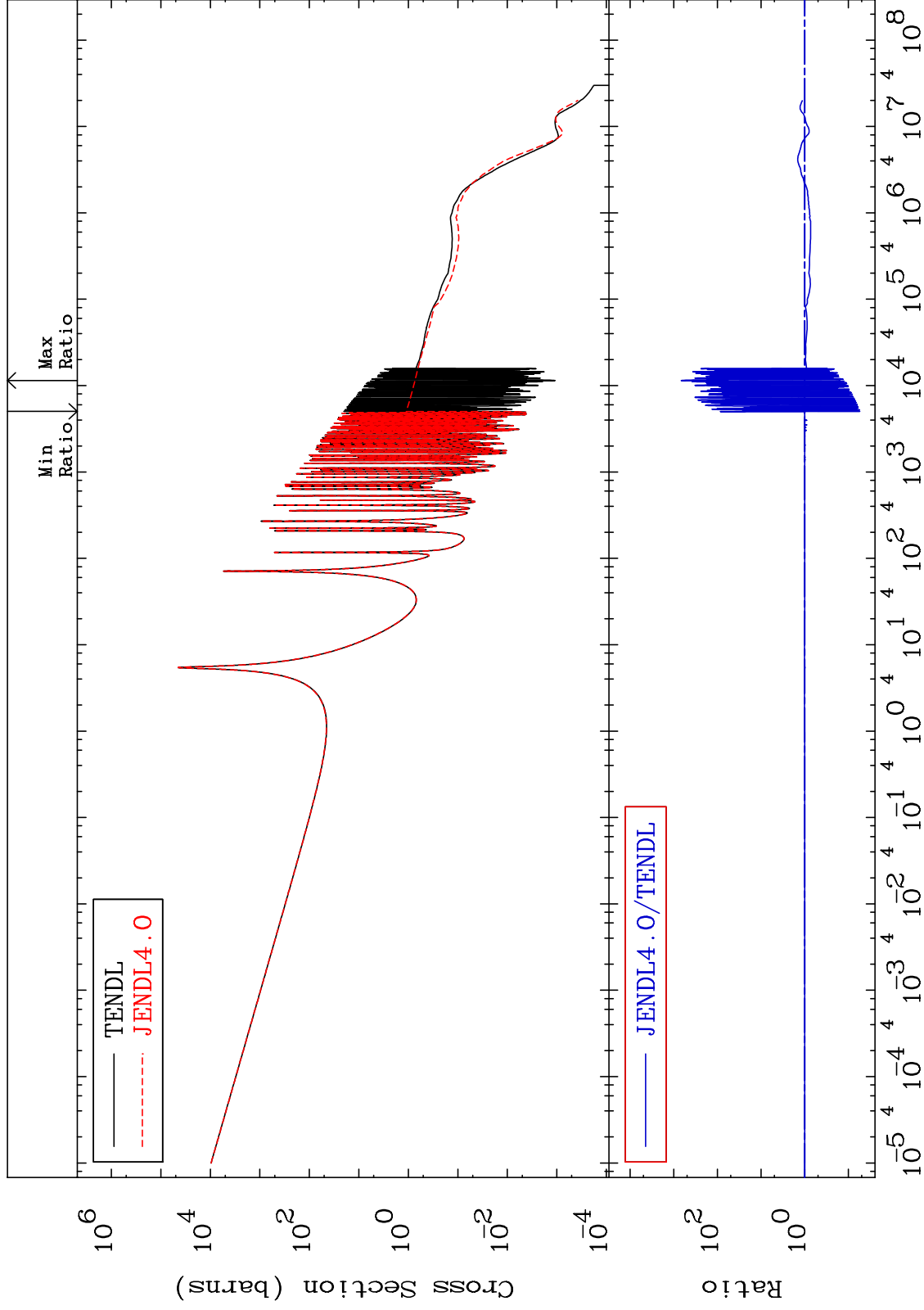
MAT 6643

(n,  $\gamma$ )

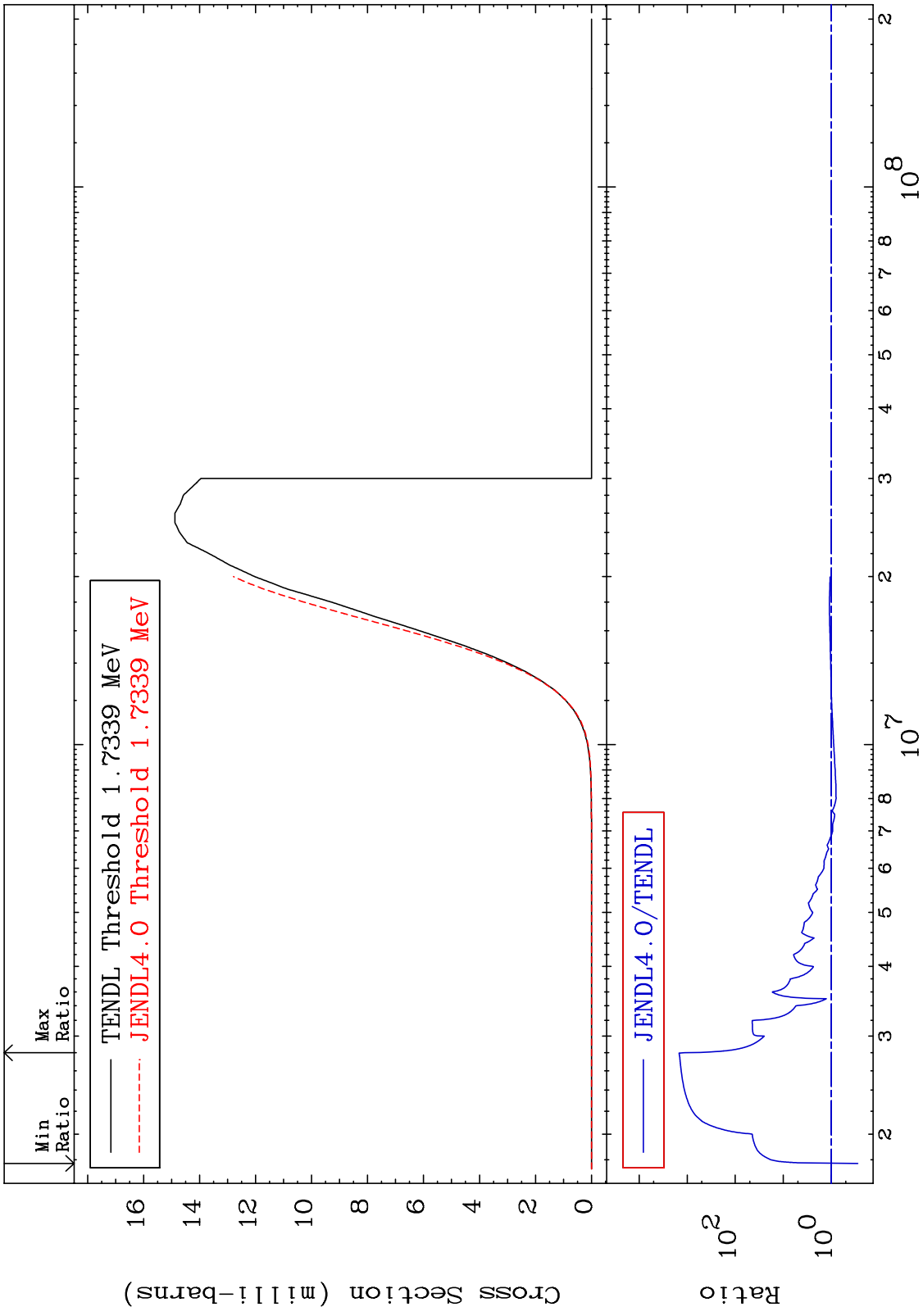
66-Dy-162

Cross Section

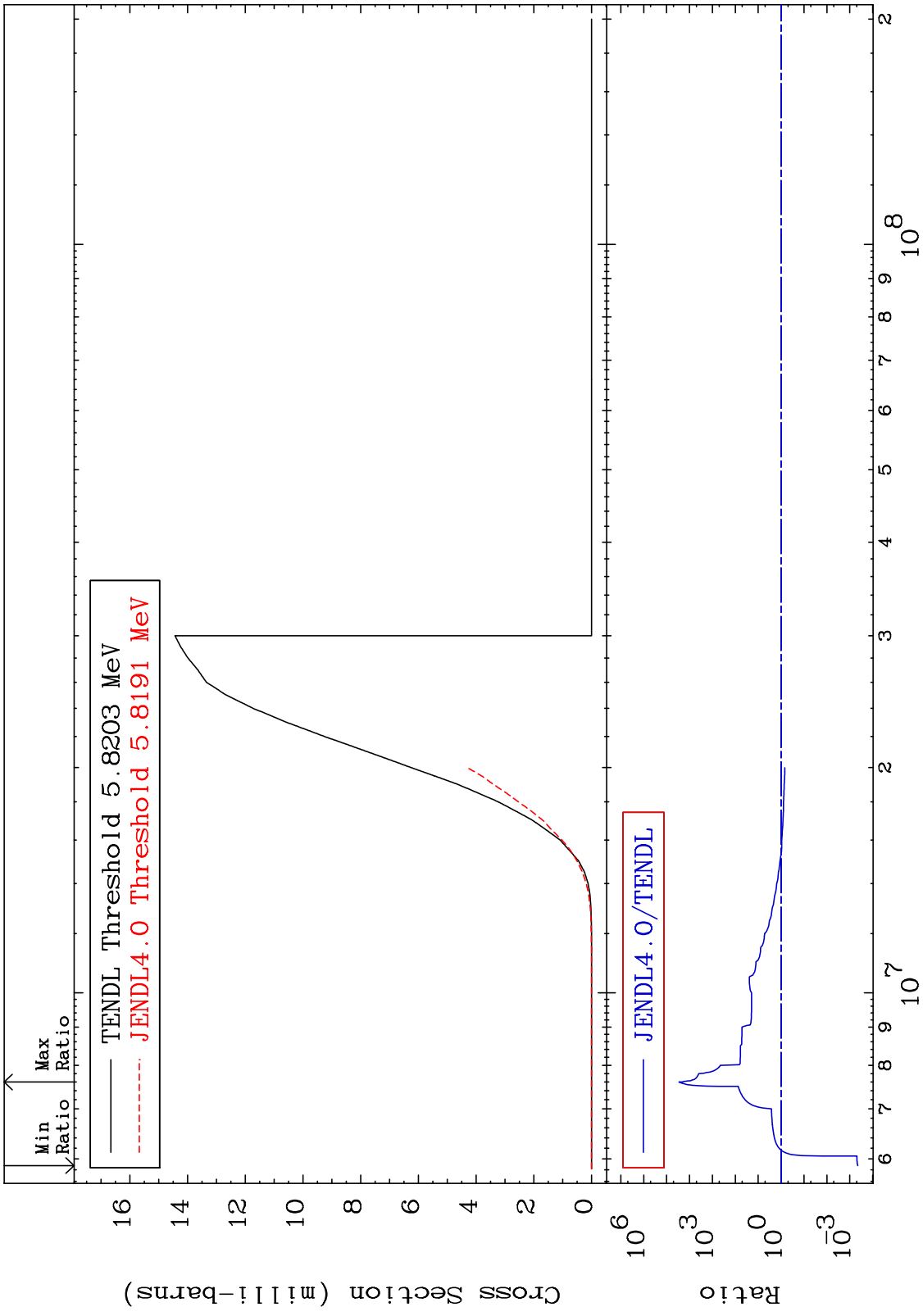
-94.50 To 9999. %



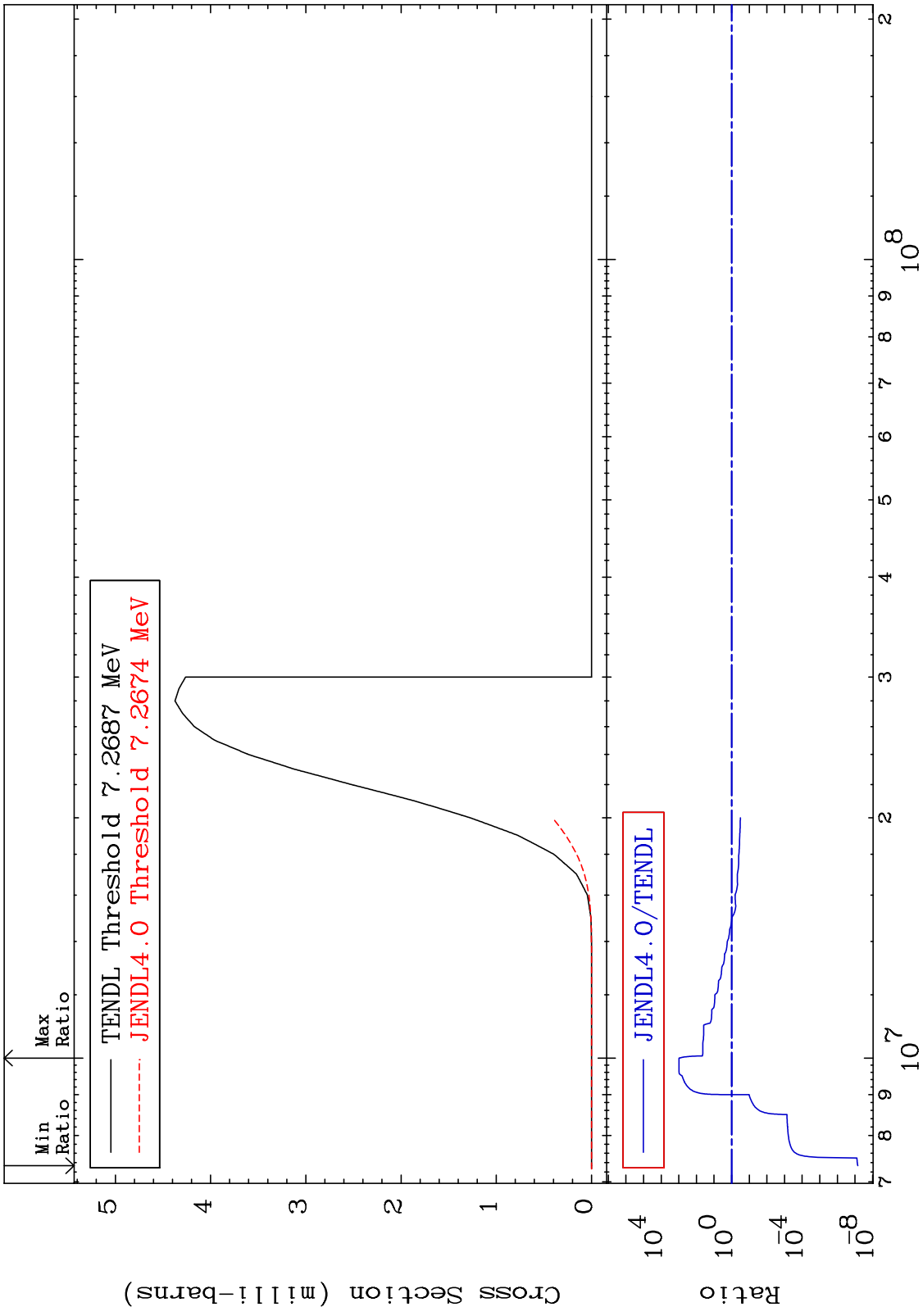
MAT 6643 (n,p) Cross Section 66-Dy-162  
-71.82 To 9999. %



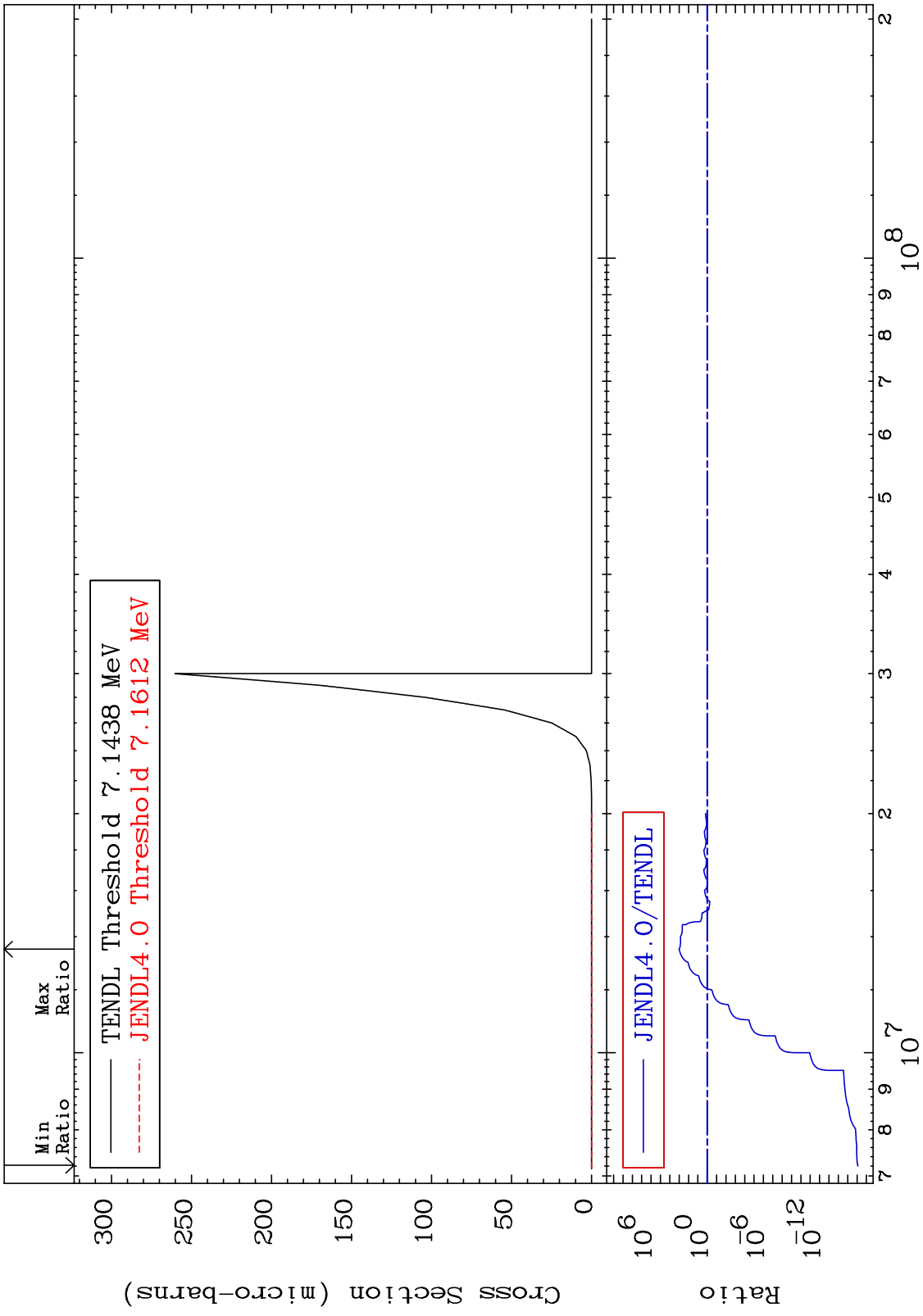
66-Dy-162



MAT 6643 (n,t) 66-Dy-162  
 Cross Section -100.0 To 9999. %



MAT 6643 (n, He-3) 66-Dy-162  
 Cross Section -100.0 To 9999. %



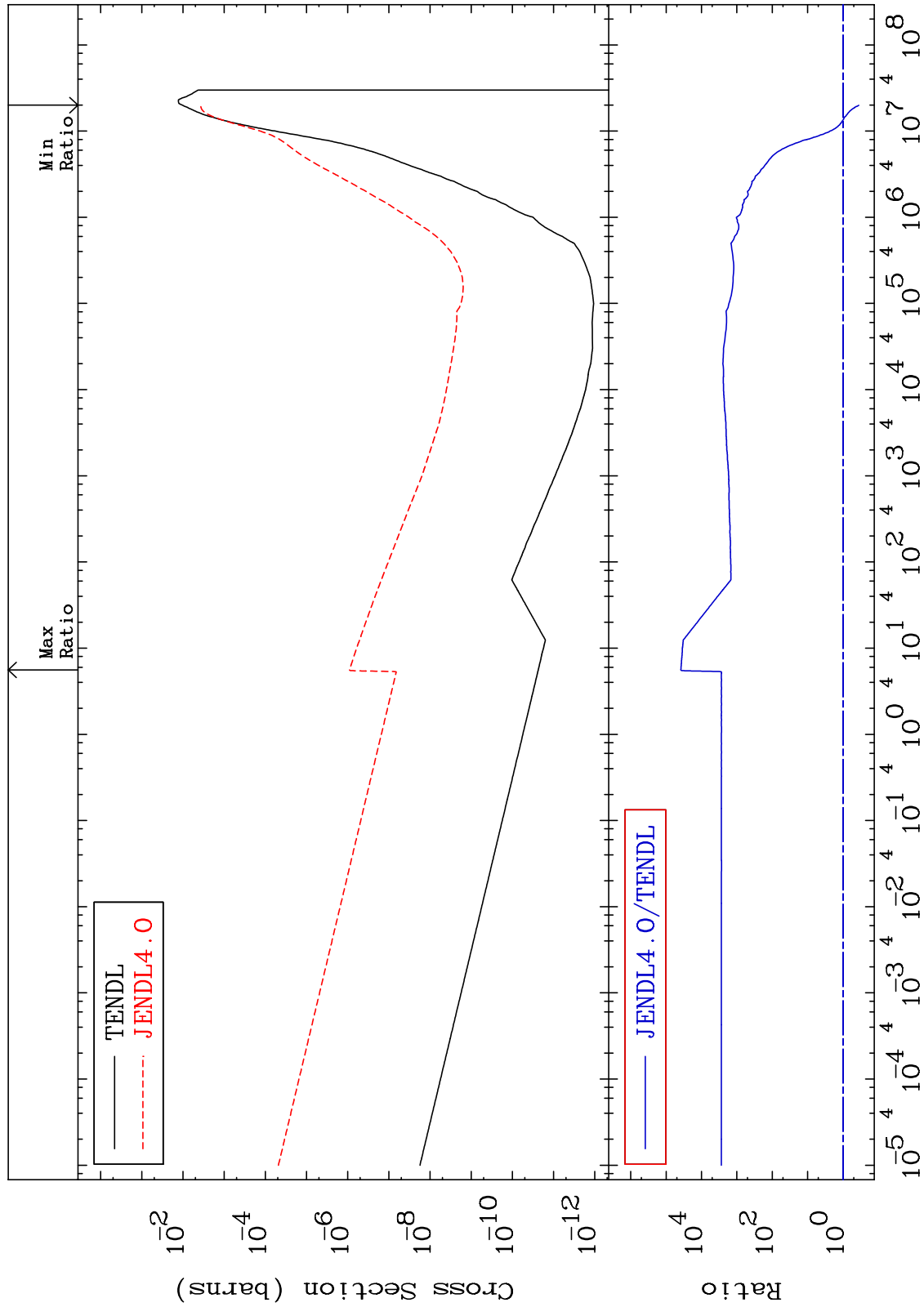
MAT 6643

(n,  $\alpha$ )

66-Dy-162

Cross Section

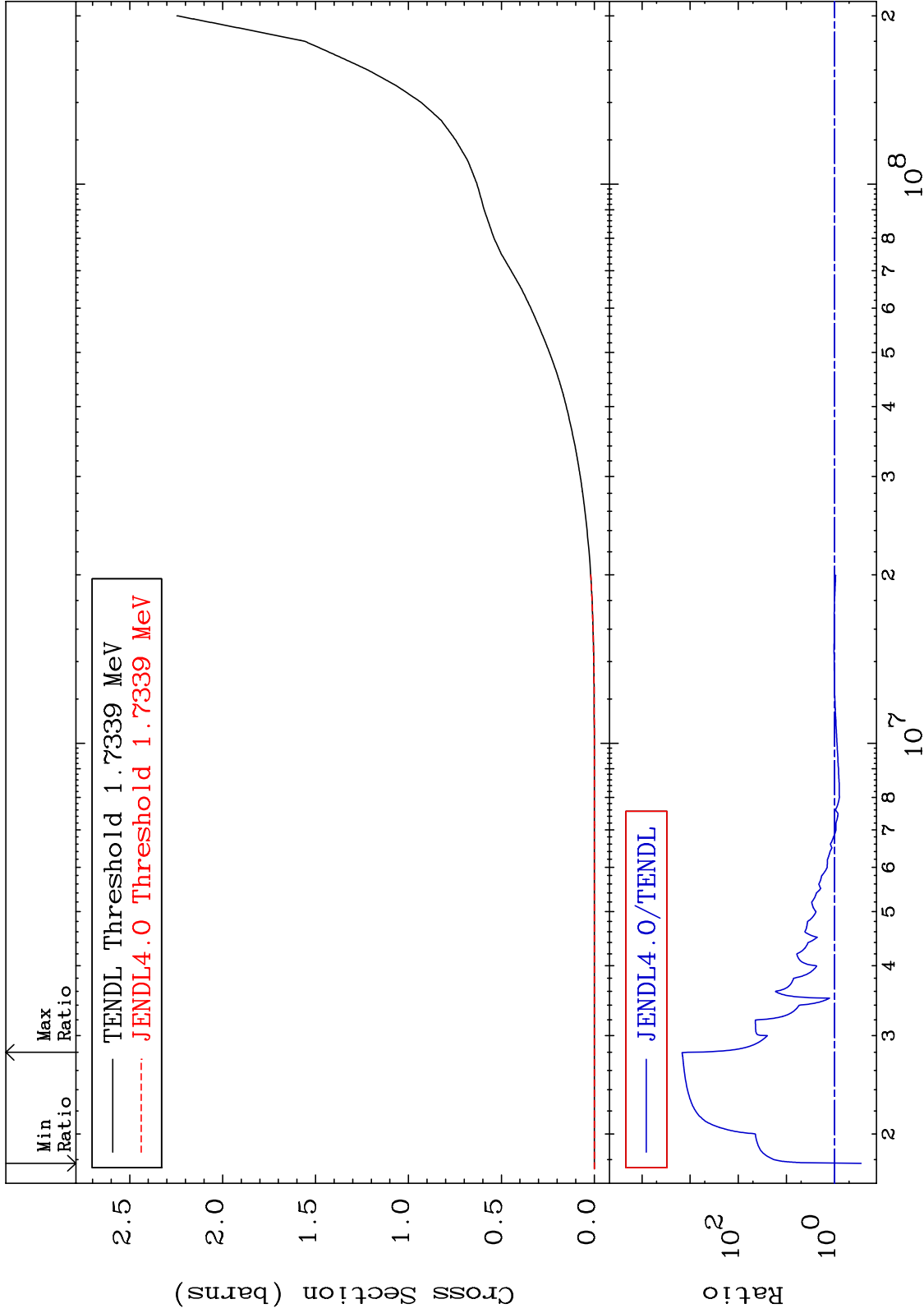
-64.78 To 9999. %



MAT 6643

Hydrogen Production  
Cross Section

66-Dy-162  
-71.82 To 9999. %

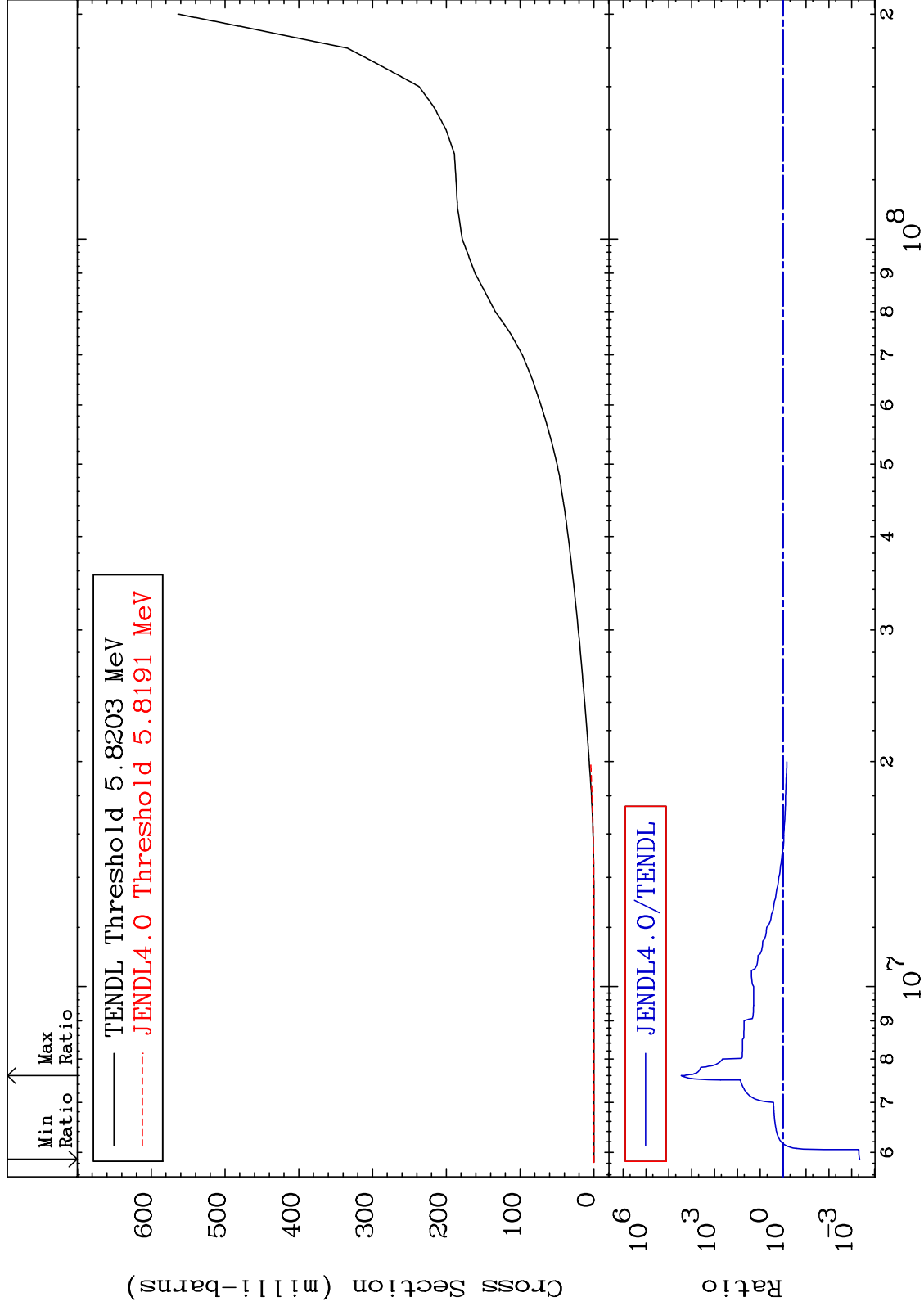




MAT 6643

Deuterium Production  
Cross Section

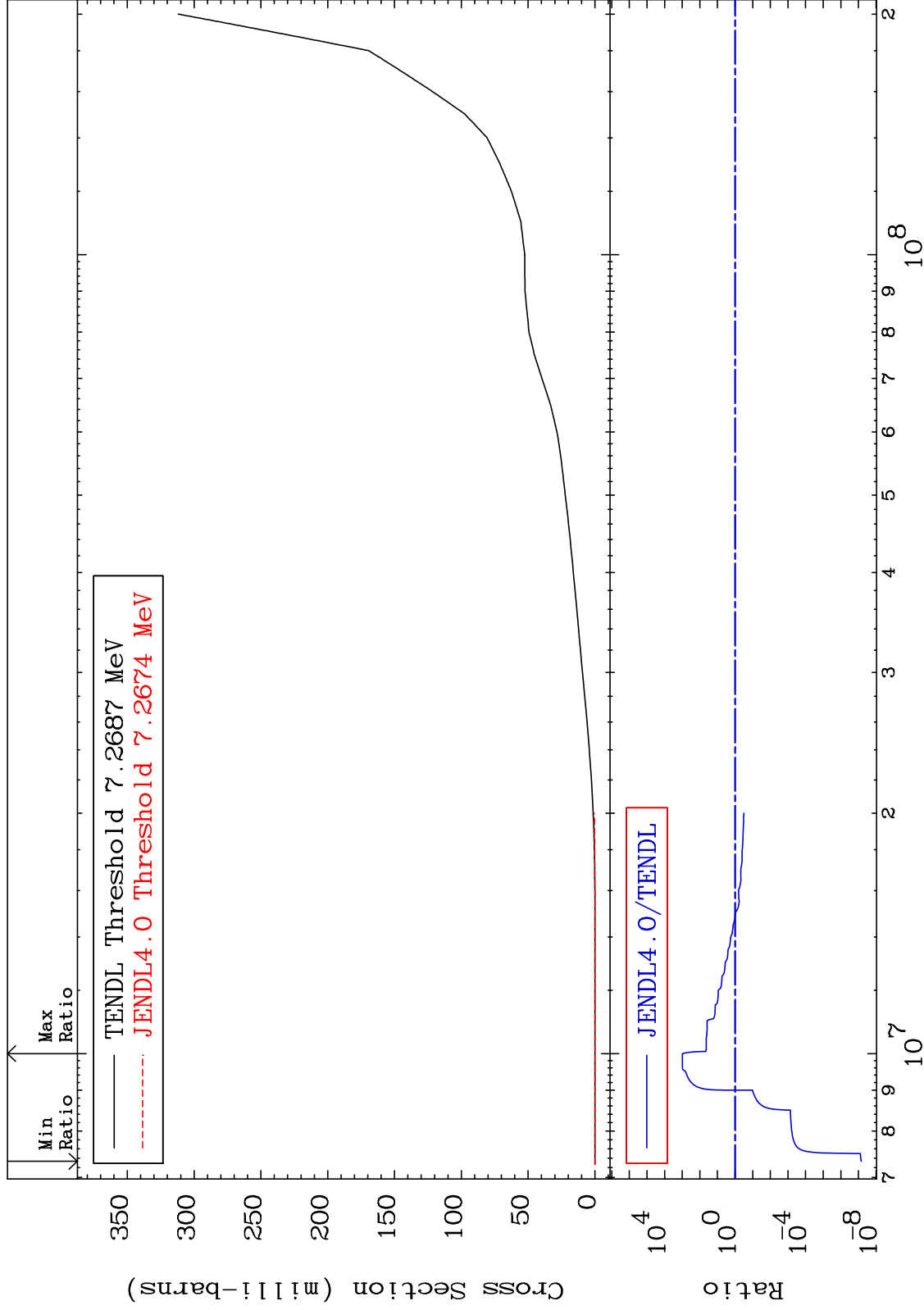
66-Dy-162  
-99.96 To 9999. %



MAT 6643

Tritium Production  
Cross Section

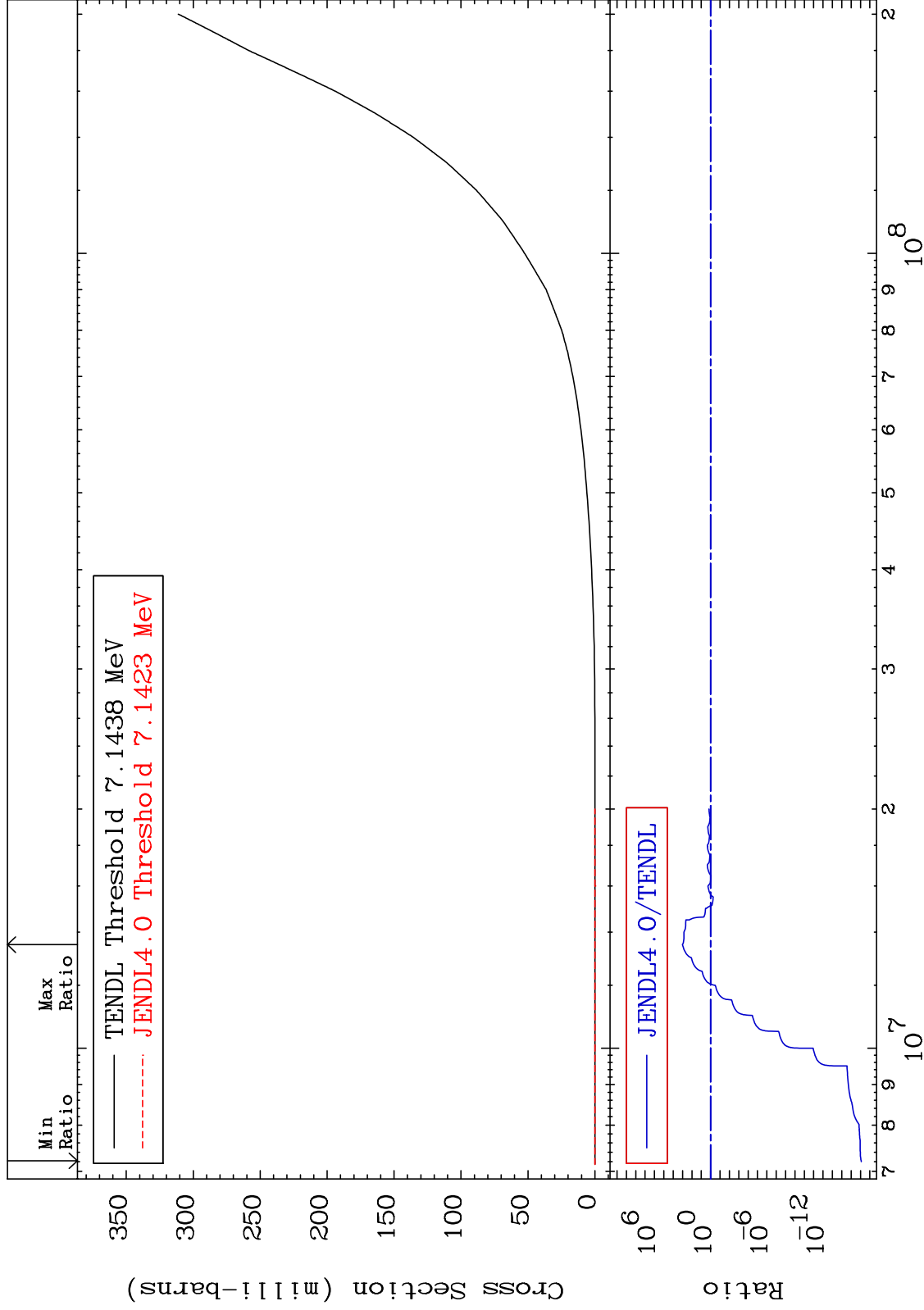
66-Dy-162  
-100.0 To 9999. %



MAT 6643

He-3 Production  
Cross Section

66-Dy-162  
-100.0 To 9999. %



50

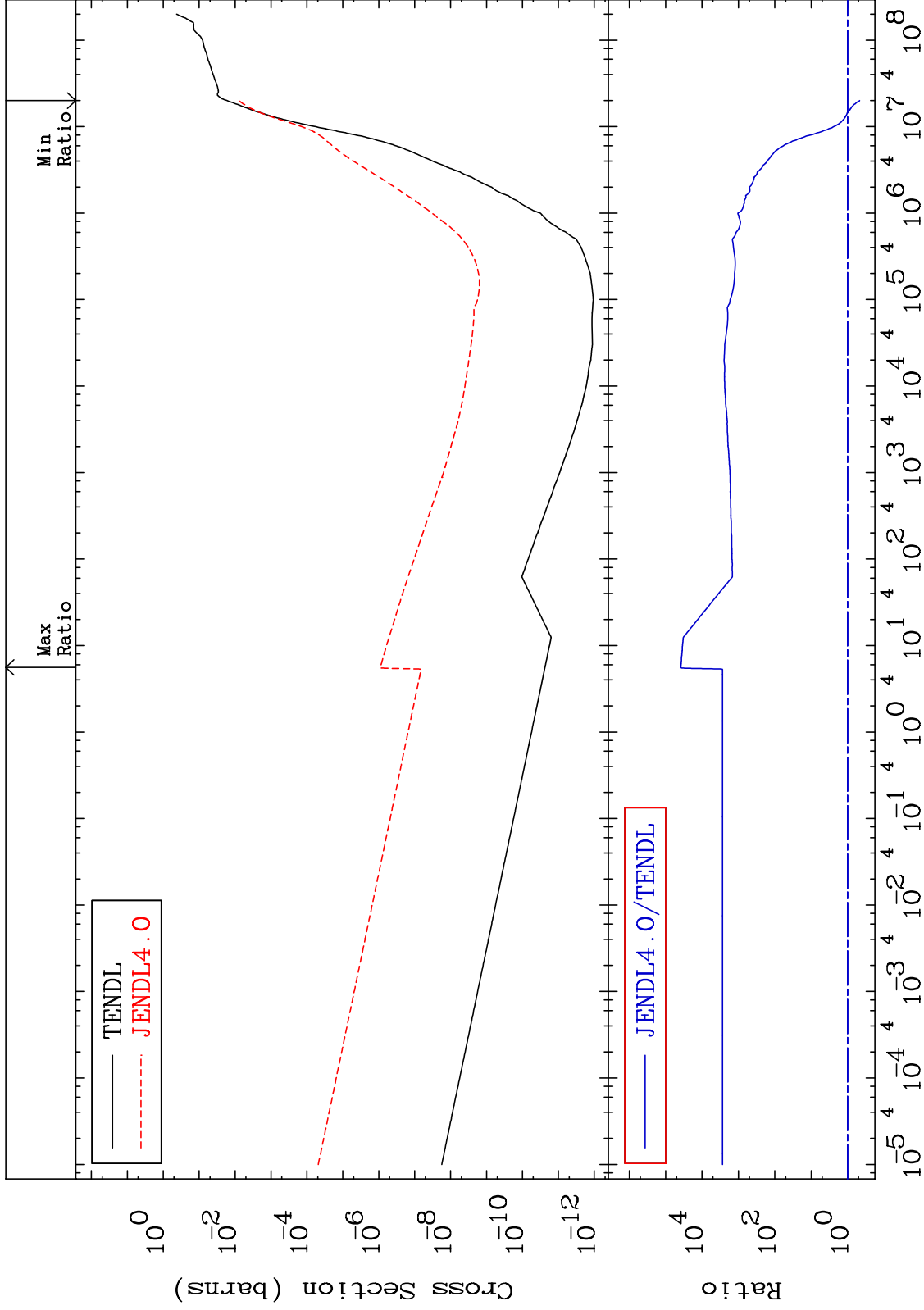
Incident Energy (eV)

66-Dy-162

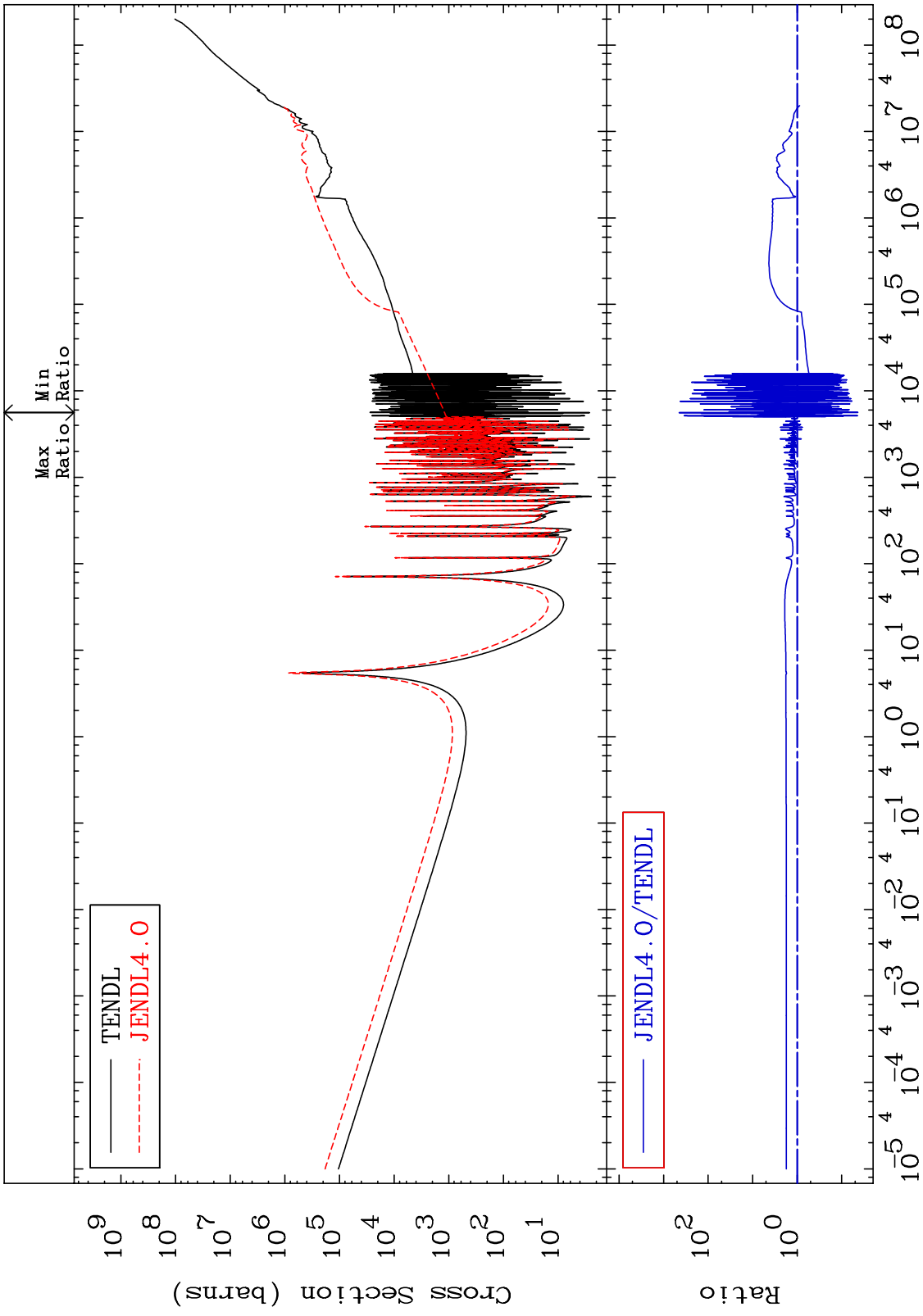
MAT 6643

He-4 Production  
Cross Section

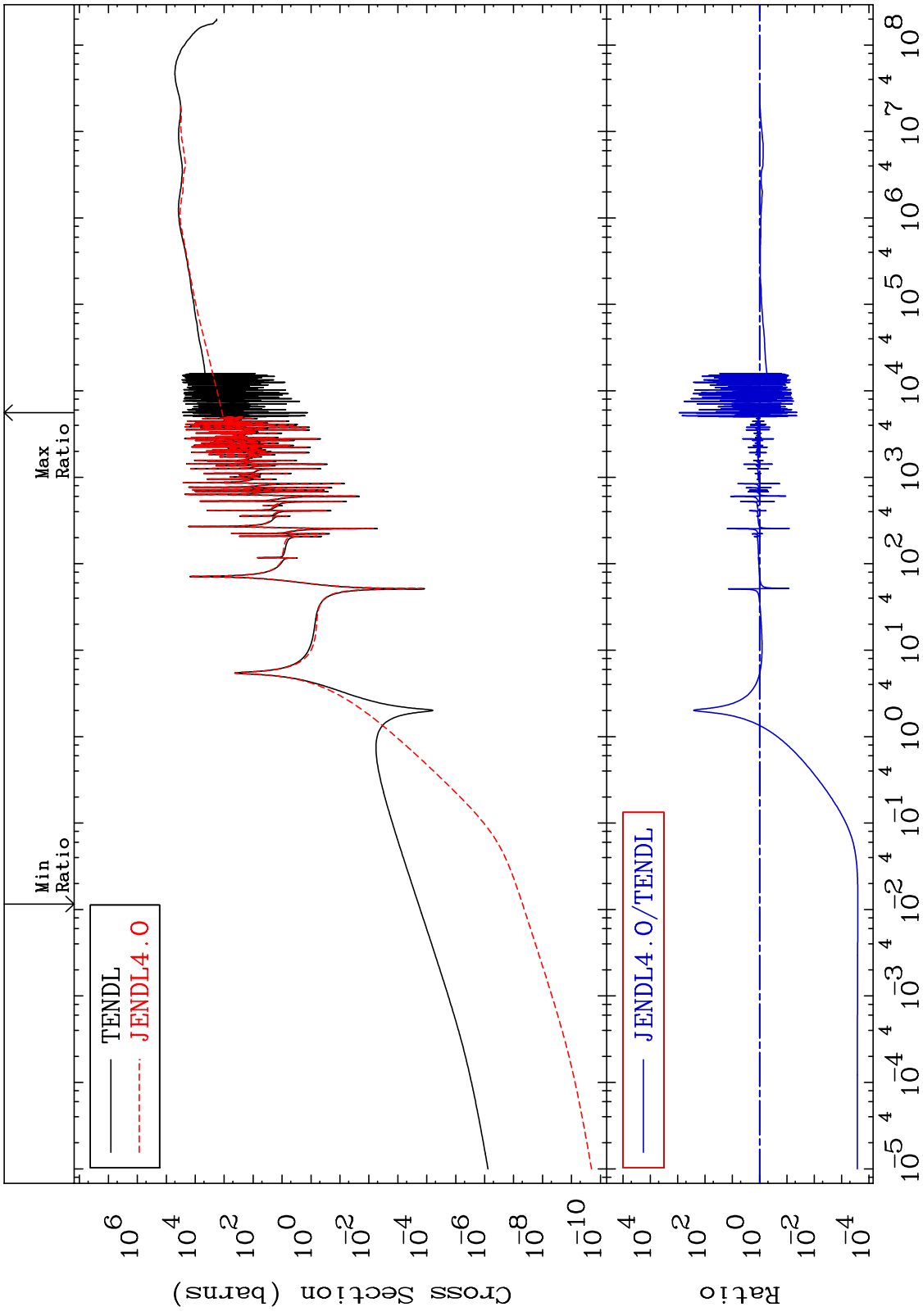
66-Dy-162  
-53.43 To 9999. %



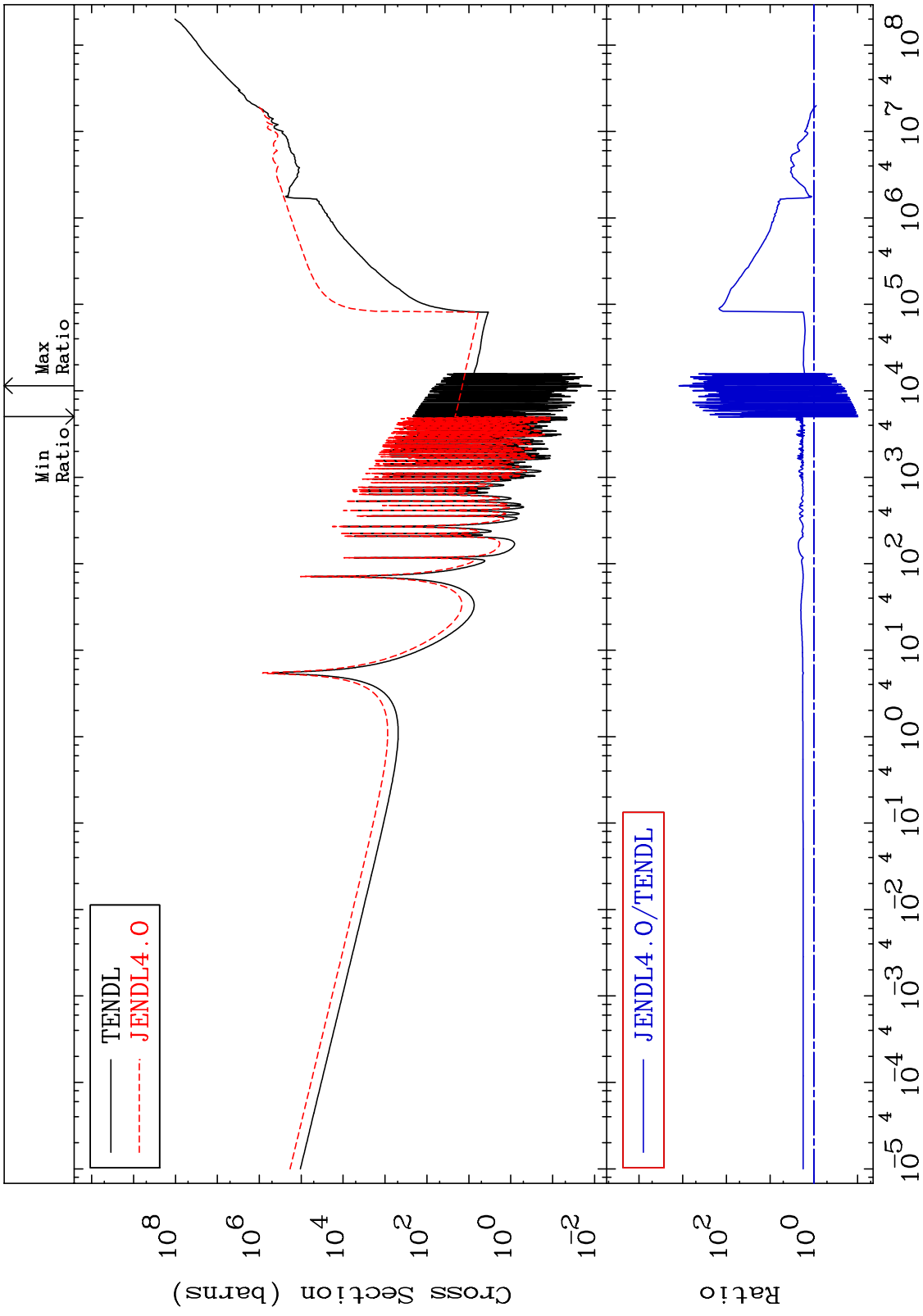
MAT 6643      Kerma total (eV-barns)  
 Cross Section      66-Dy-162  
 -95.66 To 9999. %



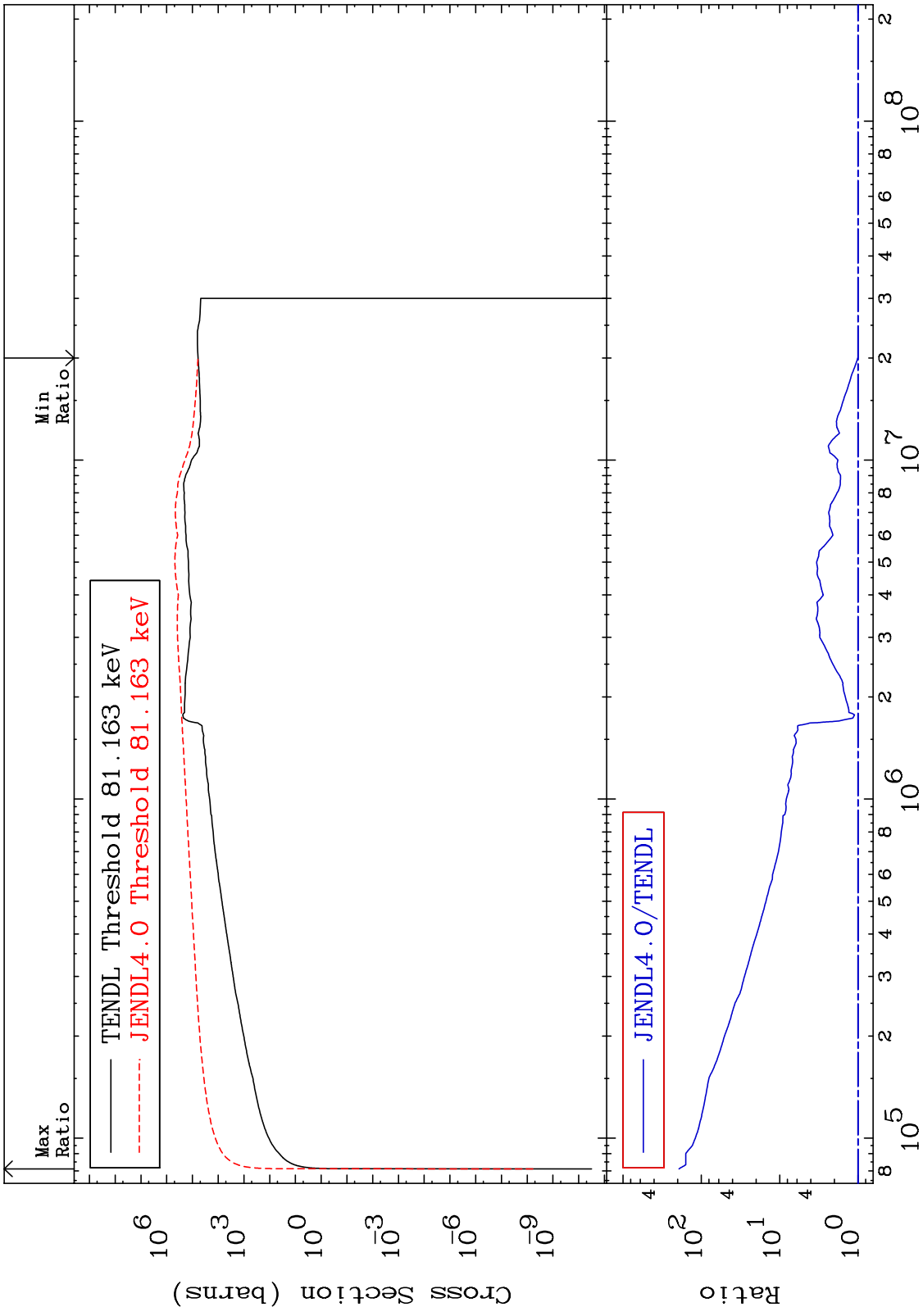
MAT 6643      Kerma elastic Cross Section      66-Dy-162  
 -99.97 To 9999. %



MAT 6643      Kerma non-elastic (all but mt2)      66-Dy-162  
 Cross Section      -90.19 To 9999. %



MAT 6643 Kerma inelastic (mt51-91) 66-Dy-162  
 Cross Section 0.714 To 9999. %

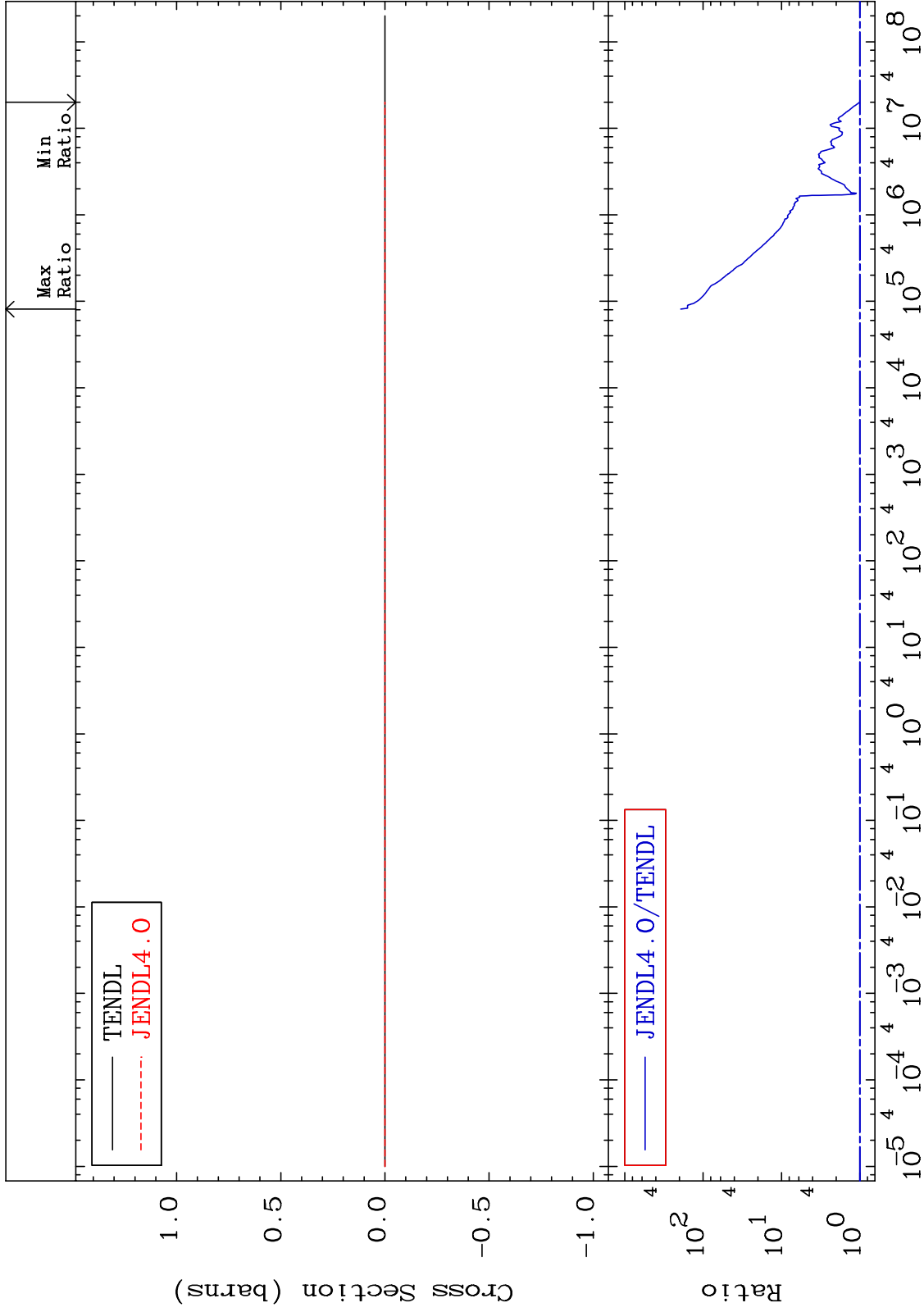




MAT 6643

Kerma fission (mt18 or mt19-20-21-38)  
Cross Section

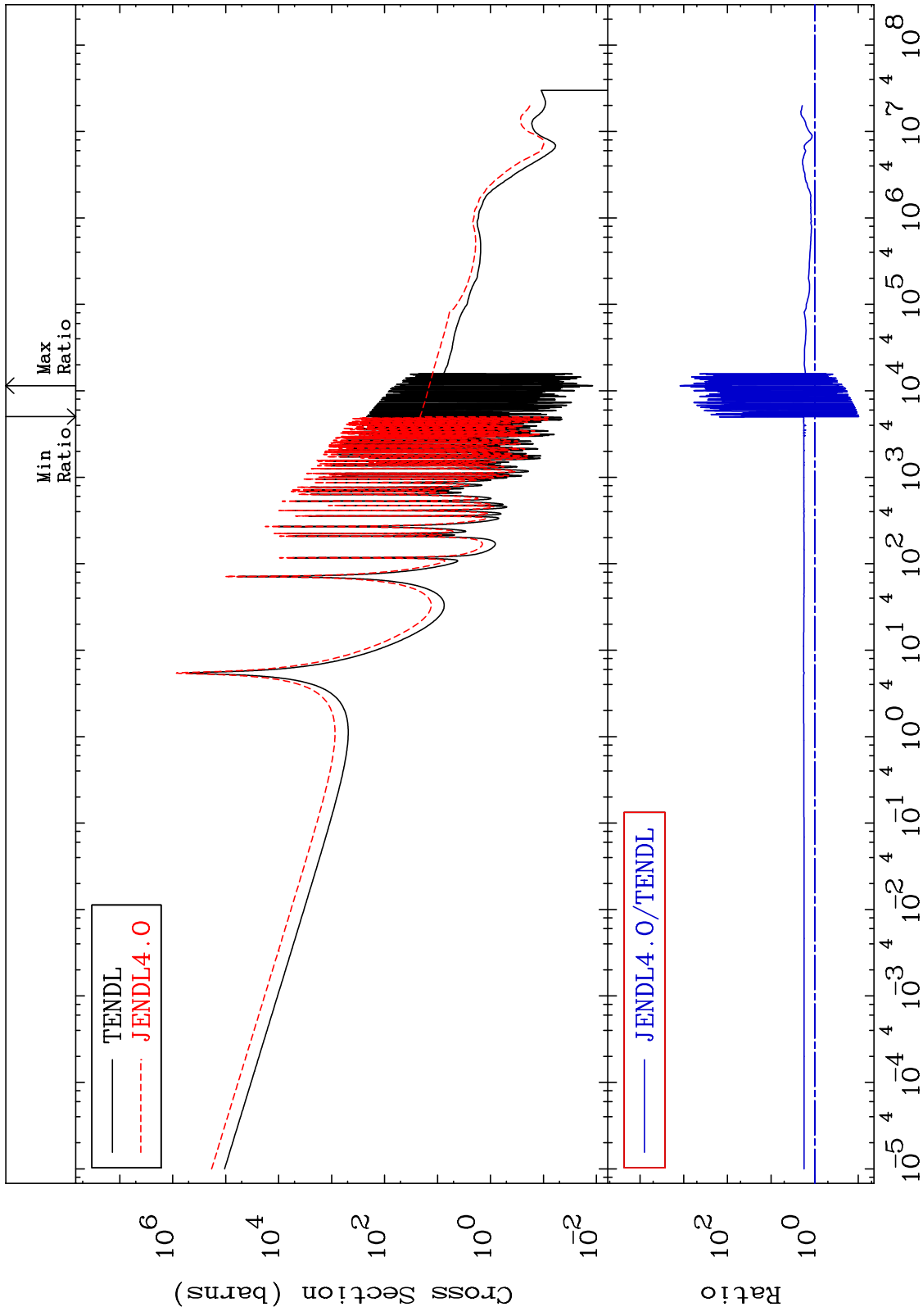
66-Dy-162  
0.714 To 9999. %



MAT 6643

Kerma capture (mt102)  
Cross Section

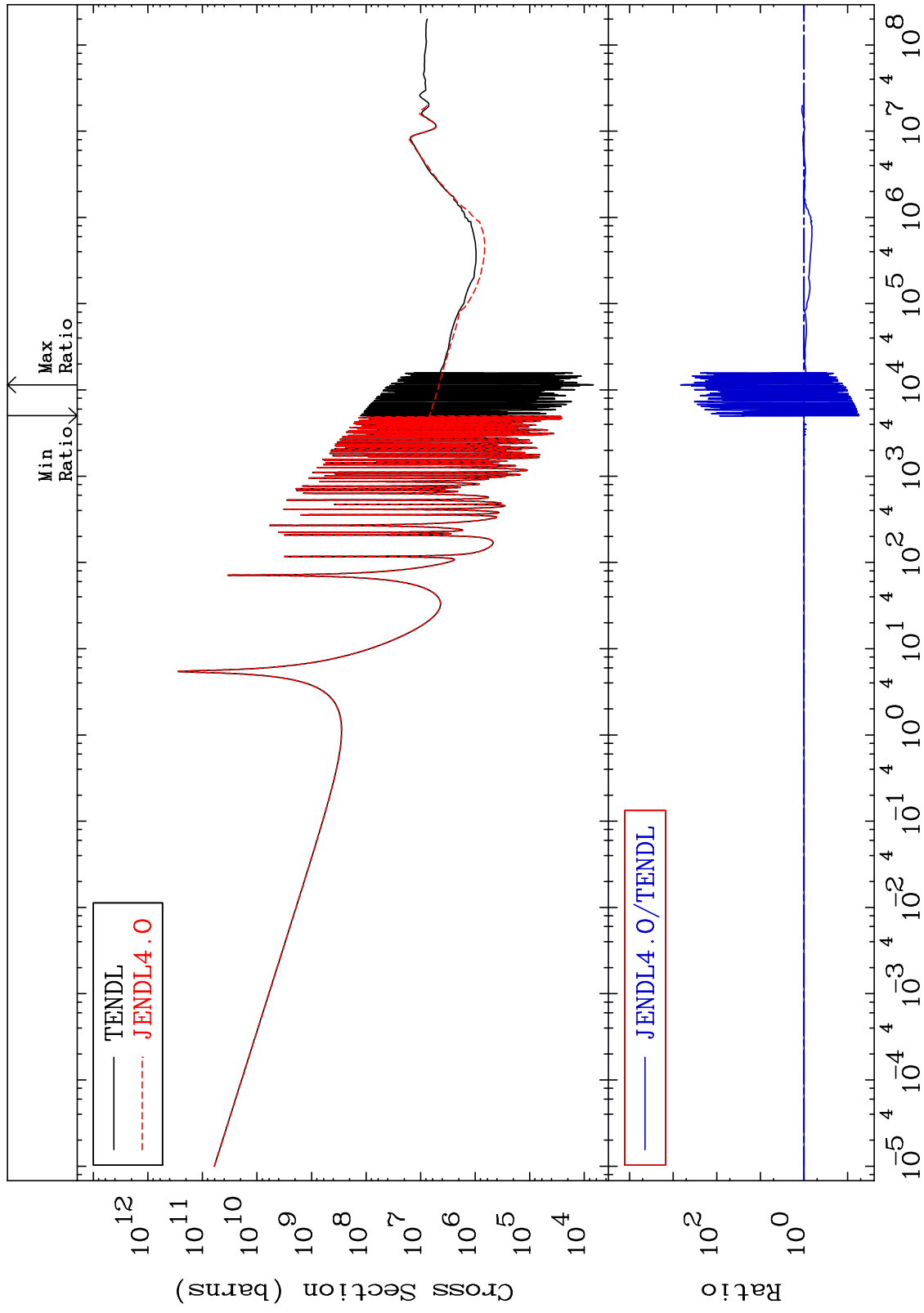
66-Dy-162  
-90.21 To 9999. %



MAT 6643

Total photon (eV-barns)  
Cross Section

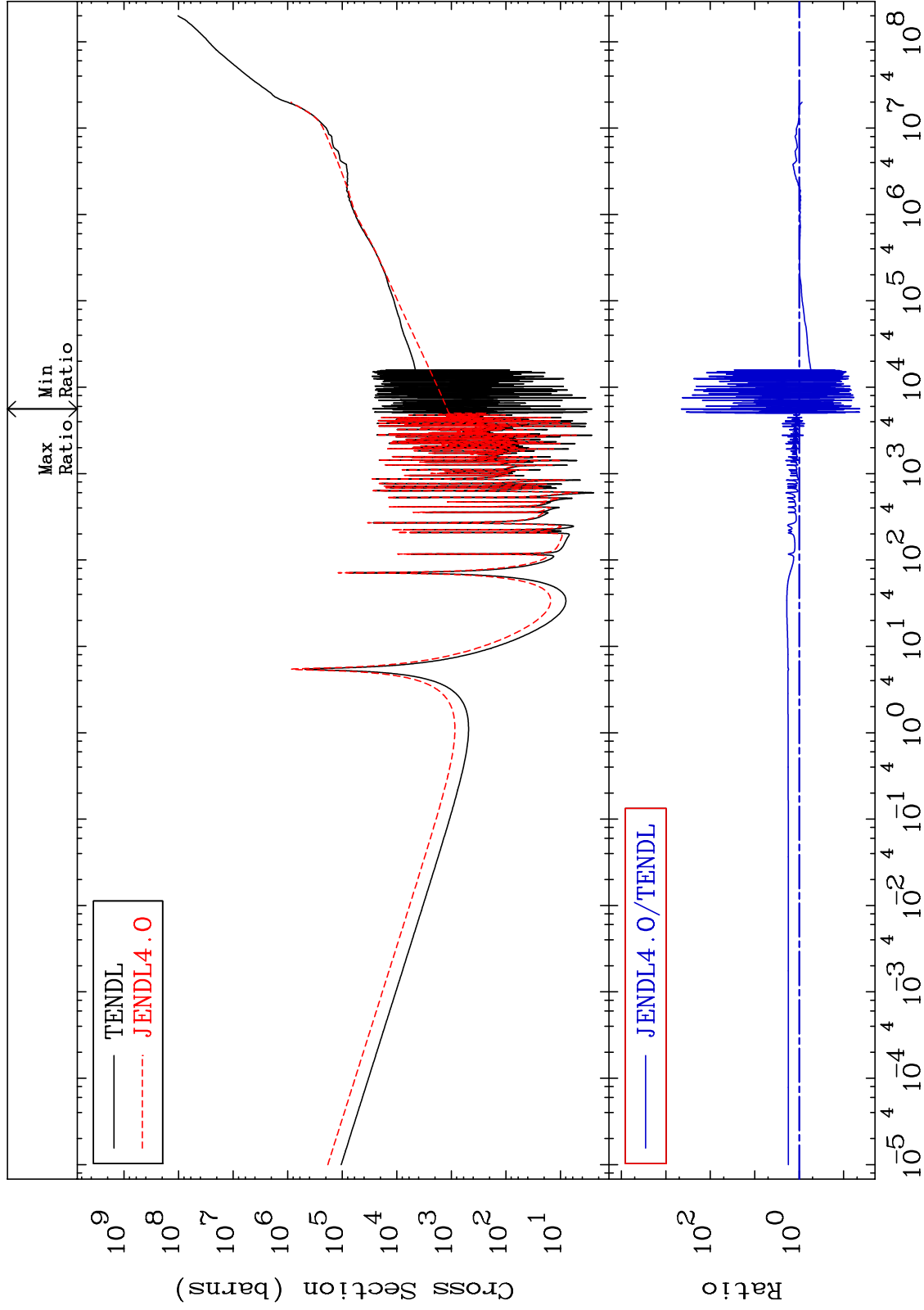
66-Dy-162  
-94.52 To 9999. %



MAT 6643

Total kinematic kerma (high limit)  
Cross Section

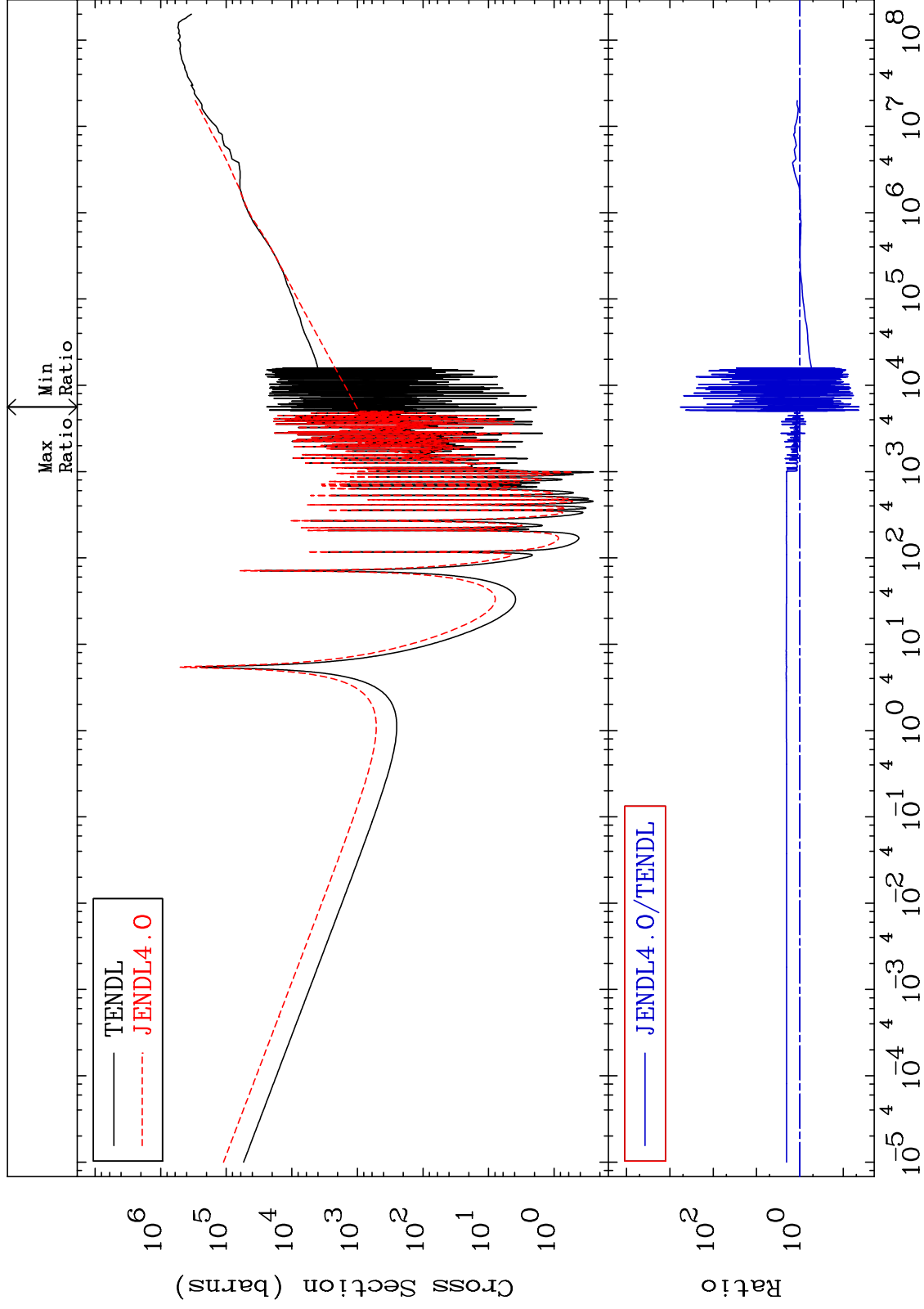
66-Dy-162  
-95.66 To 9999. %



MAT 6643

Dpa total (eV-barns)  
Cross Section

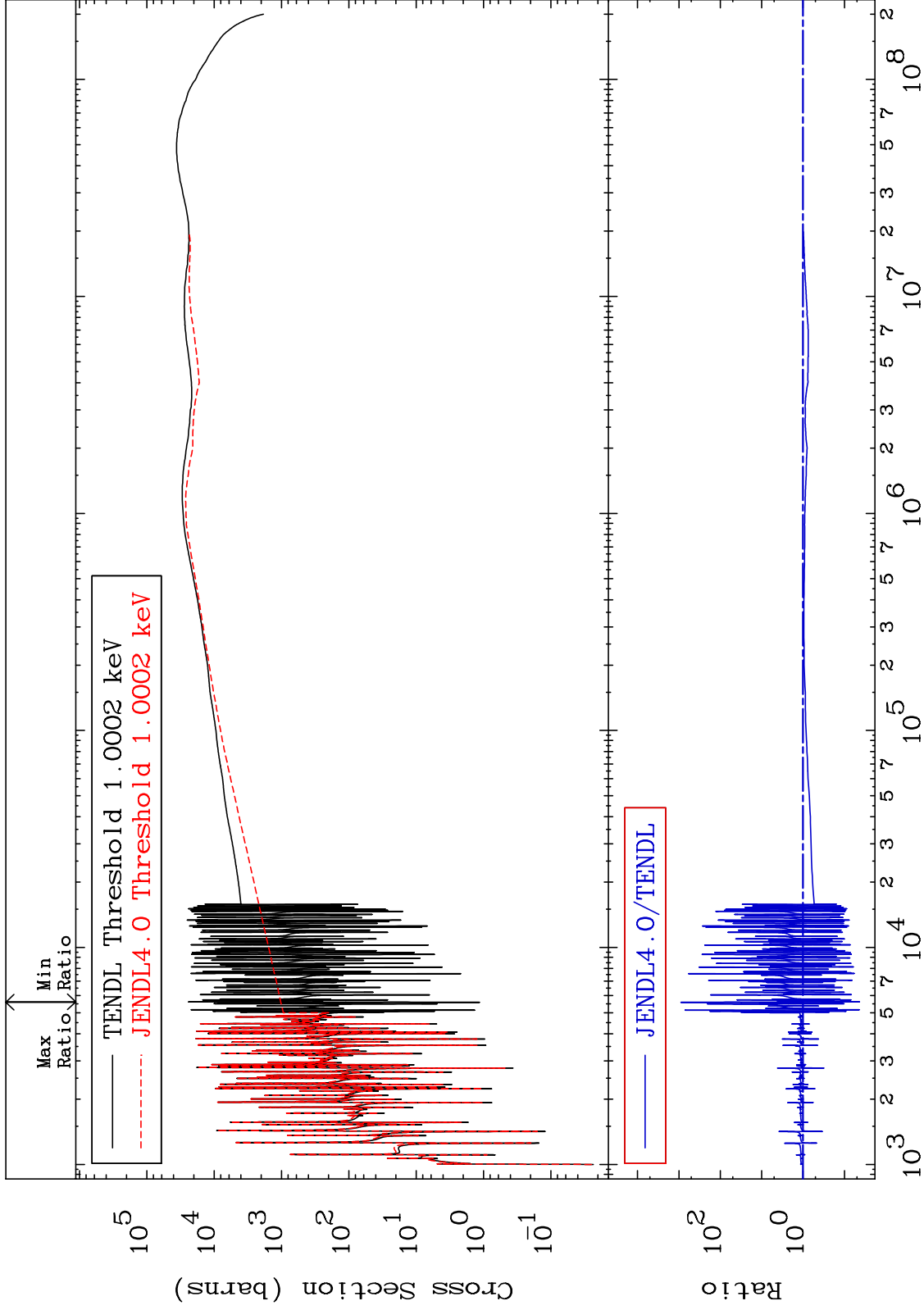
66-Dy-162  
-95.66 To 9999. %



MAT 6643

Dpa elastic (mt2)  
Cross Section

66-Dy-162  
-95.70 To 9999. %

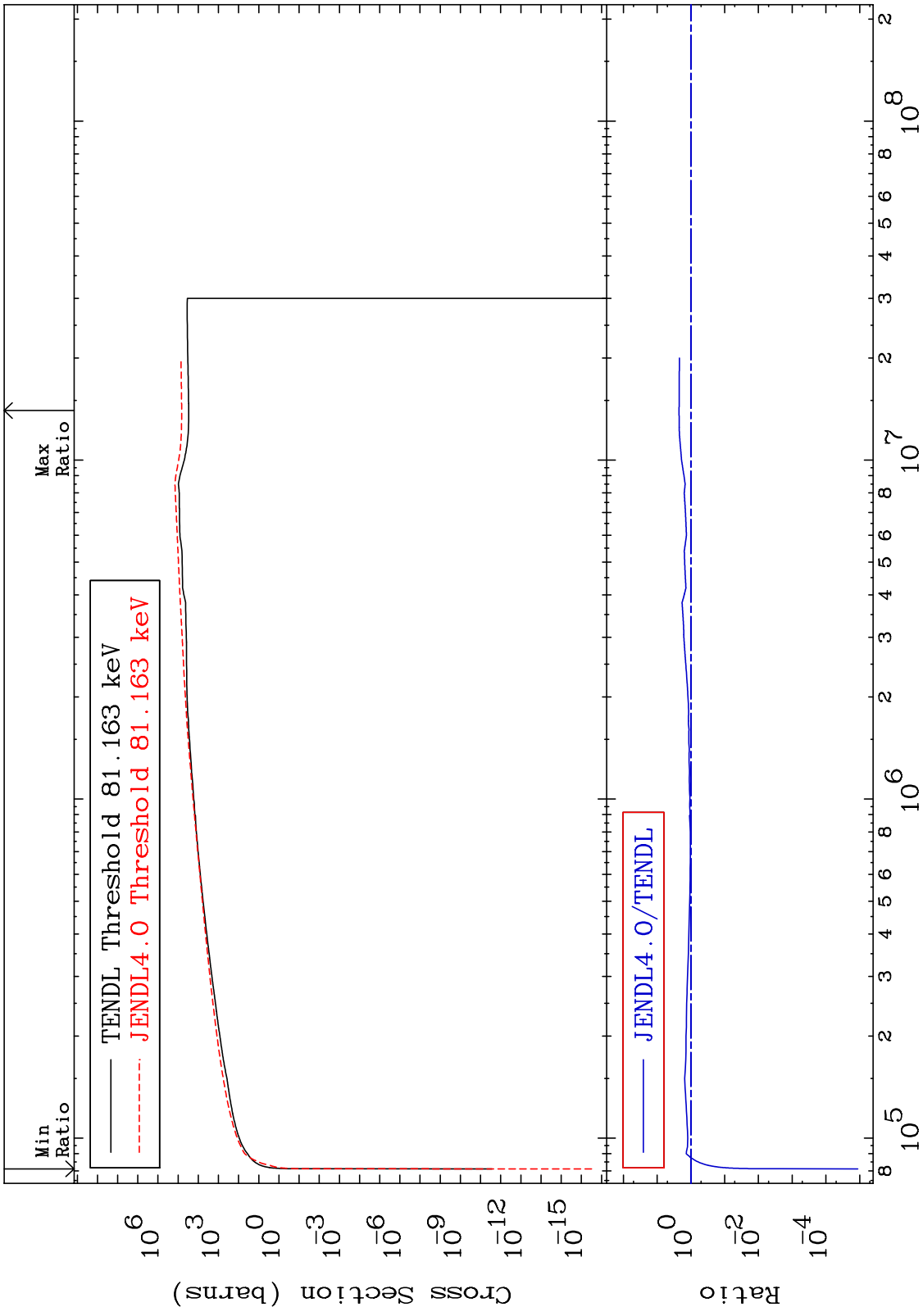


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Incident Energy (eV)

66-Dy-162

MAT 6643      Dpa inelastic (mt51-91)      66-Dy-162  
 Cross Section      -100.0 To 124.3 %



MAT 6643      Dpa disappearance (mt102 -120)      66-Dy-162  
 Cross Section      -88.61 To 9999. %

